



**STORM WATER
POLLUTION
PREVENTION
PLAN
(SWPPP)**



**FAUQUIER COUNTY
VIRGINIA**

FOUR SEASONS AT VINT HILL

VERTICAL CONSTRUCTION ONLY

2VH001

Project Name

FOUR SEASONS @ VINT HILL

Name County, Virginia

FANQUIER

Storm Water Pollution Prevention Plan (SWPPP)

In compliance with:

Storm Water Construction General Permit No. DCR 01

Virginia Stormwater Management Program

SWPPP Coordinator:

D. F. Richardson
(Signature)JOHN F. RICHARDSON
(Name of Person)LAND MANAGER
(Title)K. Hovnanian Homes of Virginia, Inc.
(Company)703/878-2774
(Phone #)703/675-0940
(Cell Phone #/ Pager #)

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

"I certify that the SWPPP coordinator named above is my duly authorized representative for this Project."

Signature:

JOHN F. RICHARDSON (RLD)
(0093)

Date:

12/8/08

[Authorized Representative per Part III K 1 of the Permit]

Name:

Title:

Legal Entity:

VICE PRESIDENT
Builder

Storm Water Pollution Prevention Plan
Name County
Project Name

- 1 -

2VH002

VINT HILL LANDBAY "G"
Storm Water Pollution Prevention Plan

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Storm Water Pollution Prevention Plan

Fauquier County, VA

Vint Hill (LANDBAY G)

2VH003

I. Introduction

A. SWPPP Purpose

The purpose of this Storm Water Pollution Prevention Plan (SWPPP) is to satisfy the requirement set forth by the Virginia Stormwater Management Program (VSMP) General Permit for Discharges of Storm Water from Construction Activities (DCR01), as defined in 9 VAC 25-180-10 et seq. The purpose of the SWPPP is to:

1. Identify potential sources of pollution, which may reasonably be expected to affect the quality of storm water discharges from the construction site.
2. To describe and ensure the implementation of practices which will be used to reduce pollutants in storm water discharges from the construction site, and to assure compliance with the terms and conditions of the permit.

B. Background- General Permit No. DCR01

The DCR01 is a general permit effective July 1, 2004 with an expiration date of June 30, 2009. The general permit governs storm water discharges from construction activities that cover an area greater than five acres. In order for operators to obtain coverage under this general permit, a Registration Statement (Exhibit B) must be submitted to the Virginia Department of Conservation and Recreation prior to commencement of construction activities.

The DCR01 allows for the discharge of storm water associated with construction activities from the date of coverage until the expiration of the permit.

In order for the operator to terminate coverage under the DCR01 permit, the operator must submit a Notice of Termination (Exhibit B) within 30 days of one of the conditions in Part I G. 1 being met. Authorization for the operator to discharge terminates seven days after the notice of termination is submitted.

II. SWPPP Requirements

A. General Requirements

1. Deadlines

The SWPPP shall be prepared prior to submittal of the registration statement and provide compliance with the terms and schedule of the plan beginning with the initiation of construction activities.

2VH004

2. Incorporation of Other Plans

The SWPPP requirements are fulfilled by incorporating by reference other plans developed for this construction activity, provided that the incorporated plans meet or exceed the plan requirements of Part II D. The construction plans have been

approved by Culpeper County. The construction plans meet current requirements set forth by the Virginia Erosion and Sediment Control Handbook, Third Edition. All plans that are incorporated into the SWPPP are enforceable under this permit.

3. SWPPP Administration

The SWPPP shall be completed and signed in accordance with Part III K of the permit. The SWPPP shall be made available onsite from the date of commencement of construction activity to the date of final stabilization. The SWPPP will be available to all operators, the Department of Conservation and Recreation, and other authorized agencies during site visits at a central location.

4. SWPPP Updates

The SWPPP shall be amended whenever there is a change in design, construction, operation, or maintenance that has a significant effect on the discharge of pollutants to surface waters and that has not already been addressed in the SWPPP. The SWPPP will be amended whenever deemed inadequate in properly controlling storm water runoff as determined during inspections or investigations by staff, or by local, state or federal officials. The revision of the SWPPP based on the results of an inspection along with the documentation of revision sent to the Department of Conservation and Recreation must be completed within seven calendar days following the inspection.

5. Potential Construction Site Storm Water Pollutants

| Trade Name Material | Chemical/Physical Description | Storm Water Pollutants |
|---|---|---|
| Pesticides (insecticides, fungicides, herbicides, rodenticides) | Various colored to colorless liquid, powder, pellets, or grains | Chlorinated hydrocarbons, organophosphates, carbamates, arsenic |
| Fertilizer | Liquid or solid grains | Nitrogen, phosphorus |
| Plaster | White granules or powder | Calcium sulphate, calcium carbonate, sulfuric acid |
| Cleaning solvents | Colorless, blue, or yellow-green liquid | Perchloroethylene, methylene chloride, trichloroethylene, petroleum distillates |
| Asphalt | Black solid | Oil, petroleum distillates |
| Concrete | White solid | Limestone, sand |
| Glue, adhesives | White or yellow liquid | Polymers, epoxies |
| Paints | Various colored liquid | Metal oxides, Stoddard solvent, talc, calcium carbonate, arsenic |
| Curing compounds | Creamy white liquid | Naphtha |
| Wastewater from construction equipment washing | Water | Soil, oil & grease, solids |
| Wood preservatives | Clear amber or dark brown liquid | Stoddard solvent, petroleum distillates, arsenic, copper, chromium |
| Hydraulic oil/fluids | Brown oily petroleum hydrocarbon | Mineral oil |

| | | |
|--------------------|---|--|
| Gasoline | Colorless, pale brown or pink petroleum hydrocarbon | Benzene, ethyl benzene, toluene, xylene, MTBE |
| Diesel fuel | Clear, blue-green to yellow liquid | Petroleum distillate, oil & grease, naphthalene, xylenes |
| Kerosene | Pale yellow liquid petroleum hydrocarbon | Coal oil, petroleum distillates |
| Antifreeze/coolant | Clear green/yellow liquid | Ethylene glycol, propylene glycol, heavy metals (copper, zinc, lead) |
| Erosion | Soil particles | Soil, sediment |

B. Specific Requirements

1. Site Description

The items required by the Permit regarding site description (Part II D.1., Exhibit A) can be found in the project design plans, which are incorporated by reference into this SWPPP. A summary of the required elements is provided in Table 2, with a reference to the sheet number in the design plans where the required element can be located.

| <i>Permit Part II D. 1...</i> | <i>Required Element</i> | <i>Location¹</i> |
|-----------------------------------|---|-----------------------------|
| a. | Description of construction activity | 1 of 21 |
| b. | Description of construction sequence of soil disturbing activity | 20 of 21 |
| c. | Site area estimates, including limits of soil disturbance | 1, 18 of 21 |
| d. | Pre and post-construction runoff coefficients | 14-17 of 21 |
| e. | Existing vegetation at the site | 18,20 of 21 |
| f. | Description of other potential pollution sources, including vehicle fueling, chemical storage areas, sanitary waste facilities, construction debris, litter, etc. | See SWPPP |
| g. | Receiving water names, including the ultimate receiving water, and the areal extent of wetlands | 18 of 25 |
| h. | Site map | 1 of 25 |
| h.(1) | -Drainage patterns, pre and post-construction | 18 of 21 |
| h.(2) | -Limits of clearing | 18 of 21 |
| h.(3) | -Major structural and non-structural controls | 18-20 of 21 |
| h.(4) | -Stabilization areas, including types of vegetative cover | 20 of 21 |
| h.(5) | -Surface waters, including wetlands | 18 of 21 |
| h.(6) | -Storm water discharge points, with an outline of the associated drainage areas | 18 of 21 |

| | | |
|--------|--|----------|
| h.(7) | -Existing and planned: buildings, paved areas | 19 of 21 |
| h.(8) | -Permanent storm water management facilities | 19 of 21 |
| h.(9) | -Offsite material, waste, borrow, or equipment areas covered by the SWPPP | N/A |
| h.(10) | -Other potential pollution sources (as described in f. above) | N/A |
| i. | Description of support activities covered by the Permit, including any dedicated concrete and asphalt plants | N/A |

[Attach to this SWPPP any required elements that are not found in the design plans]

2. Controls and Measures

The Permit requires the implementation of various types of controls and measures that are implemented to control pollutants in storm water discharges from the project site. The Permit specifically requires the implementation of erosion and sediment control practices (both structural and non-structural), storm water management practices, and specific other controls to reduce pollutants. All E&S and SWM/BMP controls employed in this project were selected to meet and/or exceed State and local requirements and are detailed in the referenced design plans.

Several requirements of the Permit relating to controls (Part II D. 2., Exhibit A) are not included in the referenced design plans. A description of all the required items (including E&S and SWM/BMP) is presented below, along with how they are addressed in this SWPPP:

a. Erosion and Sediment Control

The design plans for this project contain detailed information regarding erosion and sediment controls used in this project. Specifically E&S control measures can be found on Sheets 18-20 of 21.

b. SWM/BMP's

The design plans for this project contain detailed information regarding SWM/BMP controls used in this project. Specifically Stormwater Management Control Measures can be found on Sheet 18-20 of 21.

c. Fuels and Oils

- (i) On-site vehicle refueling will be conducted in a dedicated location away from access to surface waters. Since the location of fueling activities will periodically move during construction, the design plans do not contain a specific location. For each phase of work a location will be determined in the field and noted in the Site Inspection Log (Exhibit B). Containment berms will be located adjacent to the refueling area that will contain any inadvertent spills until they can be cleaned up. Any on-site storage tanks will have a means of secondary containment. In the event of a spill, it will be cleaned up immediately and the material, including any contaminated soil, will be

disposed of according to all federal, state, and local regulations.

- (ii) All vehicles on site will be monitored for leaks and receive regular preventative maintenance to reduce the chance of leakage.
- (iii) Petroleum products will be stored in tightly sealed containers, which are clearly labeled.
- (iv) Spill kits will be included with all fueling sources and maintenance activities.
- (v) Any asphalt substances used onsite will be applied according to the manufacturer's recommendation.

d. Solid Waste

No solid materials shall be discharged to surface water. Solid materials, including building materials, garbage, and debris shall be cleaned up daily and deposited into dumpsters, which will be periodically removed from the site and deposited into a landfill.

e. Fertilizer

- (i) Fertilizers will be applied only in the minimum amounts recommended by the manufacturer.
- (ii) Fertilizers will be worked into the soil to limit exposure to storm water.
- (iii) Fertilizers will be stored in a covered shed and partially used bags will be transferred to a sealable bin to avoid spills.

f. Paint and other Chemicals

- (i) All paint containers and curing compounds will be tightly sealed and stored when not required for use. Excess paint will not be discharged to the storm sewers, but will be properly disposed according to the manufacturer's instructions.
- (ii) Spray guns will be cleaned on a removable tarp.
- (iii) Chemicals used on-site are kept in small quantities and stored in closed containers undercover and kept out of direct contact with storm water. As with fuels and oils, any inadvertent spills will be cleaned up immediately and disposed of according to federal, state, and local regulations.

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- (iii) Chemicals used on-site are kept in small quantities and stored in closed containers undercover and kept out of direct contact with storm water. As with fuels and oils, any inadvertent spills will be cleaned up immediately and disposed of according to federal, state, and local regulations.

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All oil or other chemical spills will be cleaned up immediately upon discovery. Spills large enough to reach the storm sewers will be reported to the National Response Center at 1-800-424-8802.

4. Maintenance

Maintenance of the erosion and sediment controls and the storm water management/BMP facilities incorporated into this project must be maintained on a regular basis to assure their continued effectiveness. This includes repairs to all erosion and sediment controls, including cleanout of all sediment basins and storm water management facilities at the required intervals. Those controls found to be ineffective during routine inspections (as described in the following section) shall be repaired before the next anticipated storm event or as soon as practicable. A more detailed description of the maintenance procedures is contained in the design plans 19 of 25, and is incorporated in the SWPPP by reference.

5. Inspections

Regular inspections of the construction site shall be performed by personnel familiar with all aspects of the SWPPP and the employed control practices. Inspections shall include the review of all disturbed areas, structural and non-structural control measures, material storage areas, and vehicular access points. Inspections are to be performed at least once every 14 calendar days and within 48 hours of a runoff producing rain event. Areas that already have been stabilized or where runoff is unlikely due to frozen or snow covered ground shall be inspected at least on a monthly basis.

Inspections are intended to identify areas where the pollutant control measures at the site are ineffective and are allowing pollutants to enter surface waters. Receiving waters shall be inspected to ascertain whether control measures are effective in preventing significant impacts. Locations where vehicles enter or exit the site shall be inspected for evidence of offsite sediment tracking.

If as a result of the inspection, the site conditions and/or control measures are found to have changed, the SWPPP shall be updated within a period of 7 calendar days. If control measures need to be modified to assure effectiveness or if additional measures are determined to be necessary, implementation shall be completed prior to the next anticipated storm event or as soon as practicable.

A report summarizing the inspections and the subsequent maintenance activities must be completed and maintained as part of the SWPPP. The inspection forms are included in Exhibit D. Required elements include major observations (including information on control measure performance and incidents of non-compliance), and information on the inspection personnel. If an inspection does not identify any incidents of non-compliance, then the certification statement contained in the inspection form will apply.

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6. Non-Storm Water Discharge

With the exception of flows from fire fighting activities, allowable sources of non-storm water discharges (Part I D. 2 of the Permit, Exhibit A) must be identified in the SWPPP. Appropriate measures must be taken to ensure that pollution prevention

measures for the non-storm water component of the discharge are implemented. The non-storm water discharges associated with this project identified at this time are:

- a. Testing of Water as discussed under II, B, 2, h.
- b. *[Not used]*

C. Contractor Certification

All contractor's and/or sub-contractors who have responsibility for implementing and maintaining the controls identified in this SWPPP must sign the certification statement contained in Exhibit E. The person signing the certification must meet the signatory requirements, as presented in Part III K of the Permit (Exhibit A). The certifications must be maintained as part of the SWPPP.

2VH011



COMMONWEALTH of VIRGINIA

DEPARTMENT OF ENVIRONMENTAL QUALITY

W. Tayloe Murphy, Jr.
Secretary of Natural Resources

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Robert G. Burnley
Director

Jeffery A. Steers
Regional Director

August 6, 2004

Mr. Dennis Hunsberger
Vint Hill Farms Economic Development Authority
P.O. Box 861617
Warrenton, VA 20187

Subject: Construction Storm Water General Permit No. VAR101447
Vint Hill - Fauquier County

Dear Mr. Hunsberger:

We have received your complete Registration Statement and have determined that this project is eligible for coverage under the VPDES General Permit for Storm Water Discharges from Construction Sites. A copy of this Permit is enclosed. The effective date of the General Permit is July 1, 2004 and the expiration date is June 30, 2009. This project's date of coverage is July 1, 2004. Please read the permit carefully, as you are responsible for meeting all permit conditions.

A Notice of Termination Form has also been enclosed. If at any time you no longer require coverage under the General Permit for Construction Storm Water, you may submit the Termination Form to this office for processing.

Should you have any questions, please feel free to contact Amy Taylor at (703) 583-3852.

Respectfully,

Thomas A. Faha
Water Permits Manager

Enclosures: Storm Water Construction General Permit
Termination Form

Fauquier County
Nichole Bondi, WEO

2VH013



COMMONWEALTH of VIRGINIA
DEPARTMENT OF ENVIRONMENTAL QUALITY

General Permit No.: **VAR101447**

Effective Date: July 1, 2004
Expiration Date: June 30, 2009

GENERAL PERMIT FOR DISCHARGES OF STORM WATER
FROM CONSTRUCTION ACTIVITIES

AUTHORIZATION TO DISCHARGE UNDER
THE VIRGINIA POLLUTANT DISCHARGE ELIMINATION SYSTEM
AND
THE VIRGINIA STATE WATER CONTROL LAW

In compliance with the provisions of the Clean Water Act, as amended, and pursuant to the State Water Control Law and regulations adopted pursuant to that, operators of construction activities (those sites or common plans of development or sale that will result in the disturbance of one or more acres of total land area) with storm water discharges from these construction activities are authorized to discharge to surface waters within the boundaries of the Commonwealth of Virginia, except those specifically named in board regulation or policies which prohibit such discharges.

The authorized discharge shall be in accordance with this cover page, Part I - Discharge Authorization and Special Conditions, Part II - Storm Water Pollution Prevention Plan, and Part III - Conditions Applicable To All VPDES Permits as set forth herein.

2VH014

Storm Water Construction General Permit N0. DCR01

2VH015

General Permit No.: DCR01
Effective Date: July 1, 2004
Expiration Date: June 30, 2009

GENERAL PERMIT FOR DISCHARGES OF STORMWATER FROM
CONSTRUCTION ACTIVITIES
AUTHORIZATION TO DISCHARGE UNDER THE VIRGINIA STORMWATER
MANAGEMENT PROGRAM AND THE VIRGINIA STORMWATER
MANAGEMENT ACT

In compliance with the provisions of the Clean Water Act, as amended, and pursuant to the Virginia Stormwater Management Act and regulations adopted pursuant to that, operators of construction activities (those sites or common plans of development or sale that will result in the disturbance of one or more acres of total land area) with stormwater discharges from these construction activities are authorized to discharge to surface waters within the boundaries of the Commonwealth of Virginia, except those specifically named in State Water Control Board and Virginia Soil and Water Conservation Board regulations and policies or permit issuing authority policies and ordinances which prohibit such discharges.

The authorized discharge shall be in accordance with this cover page, Section I - Discharge Authorization and Special Conditions, Section II - Stormwater Pollution Prevention Plan, and Section III - Conditions Applicable To All VSMP Permits as set forth herein.

SECTION I
DISCHARGE AUTHORIZATION AND SPECIAL CONDITIONS

A. Coverage under this permit.

1. During the period beginning with the date of coverage under this general permit and lasting until the permit's expiration date, the permittee is authorized to discharge stormwater from construction activities.
2. This permit also authorizes stormwater discharges from off-site support activities (e.g., concrete or asphalt batch plants, equipment staging yards, material storage areas, excavated material disposal areas, borrow areas) provided that:
 - a. The support activity is directly related to a construction site that is required to have VSMP permit coverage for discharges of stormwater associated with construction activity;
 - b. The support activity is not a commercial operation serving multiple unrelated construction projects by different operators, and does not operate beyond the completion of the construction activity at the last construction project it supports; and

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c. Appropriate controls and pollution prevention measures for the discharges from the support activity areas are identified in the stormwater pollution prevention plan required for the construction activity under Section II D of this permit.

3. There shall be no discharge of floating solids or visible foam in other than trace amounts.

B. Limitation on coverage.

1. Post-construction discharges. This permit does not authorize stormwater discharges that originate from the site after construction activities have been completed and the site, including any temporary support activity site, has undergone final stabilization. Post-construction industrial stormwater discharges may need to be covered by a separate VPDES permit.

2. Discharges mixed with nonstormwater. This permit does not authorize discharges that are mixed with sources of nonstormwater, other than those discharges which are identified in Section I D 2 (Exceptions to prohibition of nonstormwater discharges) and are in compliance with Section II D 5 (Nonstormwater discharge management).

3. Discharges covered by another permit. This permit does not authorize stormwater discharges associated with construction activity that have been covered under an individual permit or required to obtain coverage under an alternative general permit in accordance with Part Section III X.

4. TMDL limitation. Discharges to waters for which a "total maximum daily load" (TMDL) allocation for sediment or a parameter that addresses sediment (such as total suspended solids, turbidity, or siltation) has been established by the State Water Control Board and approved by EPA are not eligible for coverage under this permit unless the stormwater pollution prevention plan (SWPPP) developed by the operator incorporates measures and controls that are consistent with the assumptions and requirements of such TMDL. To be eligible for coverage under this general permit, the SWPPP must incorporate any conditions applicable to discharges from the construction site that are necessary for consistency with the assumptions and requirements of the TMDL. If a specific wasteload allocation has been established that would apply to discharges from the construction site, the operator must incorporate that allocation into the SWPPP and implement necessary steps to meet that allocation.

C. Commingled discharges. Any discharge authorized by a different VSMP or VPDES permit may be commingled with discharges authorized by this permit.

D. Prohibition of nonstormwater discharges.

1. Except as provided in Sections I A 2, I C and I D 2, all discharges covered by this permit shall be composed entirely of stormwater associated with construction activity.

2. The following nonstormwater discharges from active construction sites are authorized by this permit provided the nonstormwater component of the discharge is in compliance with Section II D 5 (Nonstormwater discharges):

- a. Discharges from fire fighting activities;
- b. Fire hydrant flushings;
- c. Waters used to wash vehicles where detergents are not used;
- d. Water used to control dust;
- e. Potable water sources, including waterline flushings;
- f. Water used for hydrostatic testing of new pipeline construction;
- g. Routine external building wash down which does not use detergents;
- h. Pavement washwaters where spills or leaks of toxic or hazardous materials have not occurred (unless all spilled material has been removed) and where detergents are not used;
- i. Uncontaminated air conditioning or compressor condensate;
- j. Uncontaminated ground water or spring water;
- k. Foundation or footing drains where flows are not contaminated with process materials such as solvents;
- l. Uncontaminated excavation dewatering, and
- m. Landscape irrigation.

E. Releases of hazardous substances or oil in excess of reportable quantities.

The discharge of hazardous substances or oil in the stormwater discharges from the construction site shall be prevented or minimized in accordance with the stormwater pollution prevention plan for the site. This permit does not relieve the permittee of the reporting requirements of 40 CFR Part 110 (2002), 40 CFR Part 117 (2002) and 40 CFR Part 302 (2002) or § 62.1-44.34:19 of the Code of Virginia.

Where a release containing a hazardous substance or oil in an amount equal to or in excess of a reportable quantity established under either 40 CFR Part 110 (2002), 40 CFR Part 117 (2002) or 40 CFR Part 302 (2002) occurs during a 24-hour period:

1. The permittee is required to notify the Department of Environmental Quality and the permit issuing authority in accordance with the requirements of Section III G as soon as he has knowledge of the discharge;
2. Where a release enters a municipal separate storm sewer system (MS4), the permittee shall also notify the owner of the MS4 and the Department of Conservation and Recreation; and
3. The stormwater pollution prevention plan required under Section II D of this permit must be reviewed to identify measures to prevent the reoccurrence of such releases and to respond to such releases, and the plan must be modified where appropriate.

F. Spills.

This permit does not authorize the discharge of hazardous substances or oil resulting from an on-site spill.

G. Termination of permit coverage.

1. The operator of the construction activity may only submit a notice of termination after one or more of the following conditions have been met:
 - a. Final stabilization has been achieved on all portions of the site for which the operator is responsible;
 - b. Another operator has assumed control over all areas of the site that have not been finally stabilized;
 - c. Coverage under an alternative VPDES or VSMP permit has been obtained; or
 - d. For residential construction only, temporary stabilization has been completed and the residence has been transferred to the homeowner.
2. The notice of termination must be submitted within 30 days of one of the conditions in Section I G 1 being met. Authorization to discharge terminates seven days after the notice of termination is submitted.
3. The notice of termination shall be signed in accordance with Section III K of this permit.

H. Water quality protection. The permittee must select, install, implement and maintain best management practices (BMPs) at the construction site that minimize pollutants in the discharge as necessary to meet applicable water quality standards. If there is evidence indicating that the stormwater discharges authorized by this permit are causing, have the reasonable potential to cause, or are contributing to an excursion above an applicable water quality standard, or are causing downstream pollution (as defined in this part), the permit issuing authority may take appropriate enforcement action, may require the

permittee to include and implement appropriate controls in the SWPPP to correct the problem, and/or may require the permittee to obtain an individual permit in accordance with 4VAC50-60-410 B 3.

SECTION II STORMWATER POLLUTION PREVENTION PLAN

A stormwater pollution prevention plan (SWPPP) shall be developed and implemented for the construction activity covered by this permit. SWPPPs shall be prepared in accordance with good engineering practices. The SWPPP shall identify potential sources of pollution which may reasonably be expected to affect the quality of stormwater discharges from the construction site. In addition, the SWPPP shall describe and ensure the implementation of practices which will be used to reduce pollutants in stormwater discharges from the construction site, and to assure compliance with the terms and conditions of this permit.

The SWPPP requirements of this general permit may be fulfilled by incorporating by reference other state, tribal or local plans such as an erosion and sediment control (ESC) plan, a spill prevention control and countermeasure (SPCC) plan developed for the site under § 311 of the federal Clean Water Act or best management practices (BMP) programs otherwise required for the facility provided that the incorporated plan meets or exceeds the SWPPP requirements of Section II D. If an erosion and sediment control plan for the construction activity is being incorporated by reference, the referenced plan must be approved by the locality in which the construction activity is to occur or by another appropriate plan approving authority authorized under the Erosion and Sediment Control Regulations (4 VAC 50-30) prior to the commencement of construction. All plans incorporated by reference into the SWPPP become enforceable under this permit. If a plan incorporated by reference does not contain all of the required elements of the SWPPP of Section II D, the permittee must develop the missing elements and include them in the required SWPPP.

Once a definable area has been finally stabilized, the operator may mark this on the SWPPP and no further SWPPP or inspection requirements apply to that portion of the site (e.g., earth disturbing activities around one of three buildings in a complex are done and the area is finally stabilized; one mile of a roadway or pipeline project is done and finally stabilized, etc.).

The operator must implement the SWPPP as written from commencement of construction activity until final stabilization is complete.

A. Deadlines for SWPPP preparation and compliance.

1. The SWPPP shall be prepared prior to submittal of the registration statement and provide for compliance with the terms and schedule of the plan beginning with the initiation of construction activities.

2. For ongoing construction activity involving a change of operator, the new operator shall accept and maintain the existing SWPPP, or prepare and implement a new SWPPP prior to taking over operations at the site.

B. Signature, plan review and making plans available.

1. The SWPPP shall be signed in accordance with Section III K.

2. The SWPPP shall be retained, along with a copy of this permit at the construction site from the date of commencement of construction activity to the date of final stabilization. Permittees with day-to-day operation control over SWPPP implementation shall have a copy of the plan available at a central location on-site for the use of all operators and those identified as having responsibilities under the plan whenever they are on the construction site. The SWPPP must be made available, in its entirety, to the department and the permitting issuing authority for review at the time of an on-site inspection.

3. The permittee shall make SWPPPs available upon request to the department; the permit issuing authority; a state or local agency approving erosion and sediment plans, grading plans, or stormwater management plans; local government officials; or the operator of a municipal separate storm sewer system receiving discharges from the site.

C. Maintaining an updated SWPPP.

1. The permittee shall amend the SWPPP whenever there is a change in design, construction, operation, or maintenance that has a significant effect on the discharge of pollutants to surface waters and that has not been previously addressed in the SWPPP.

2. The SWPPP must be amended if during inspections or investigations by site staff, or by local, state or federal officials, it is determined that the discharges are causing water quality exceedances, or the SWPPP is ineffective in eliminating or significantly minimizing pollutants in stormwater discharges from the construction site.

3. Based on the results of an inspection, the SWPPP must be modified as necessary to include additional or modified BMPs designed to correct problems identified. Revisions to the SWPPP must be completed within seven calendar days following the inspection. Implementation of these additional or modified BMPs must be accomplished as described in Section II D 3 b.

4. The SWPPP must clearly identify for each measure identified in the plan, the contractor(s) or subcontractor(s) that will implement the measure. The SWPPP shall be amended to identify any new contractor that will implement a measure of the plan.

D. Stormwater pollution prevention plan contents.

The SWPPP shall include the following items:

1. Site and activity description. Each SWPPP shall provide the following information:

- a. A description of the nature of the construction activity, including the function of the project (e.g., low density residential, shopping mall, highway, etc.);
- b. The intended sequence and timing of activities that disturb soils at the site (e.g., grubbing, excavation, grading, utilities and infrastructure installation).
- c. Estimates of the total area expected to be disturbed by excavation, grading, or other construction activities including off-site borrow and fill areas;
- d. A description of any other potential pollution sources, such as vehicle fueling, storage of fertilizers or chemicals, sanitary waste facilities, etc.
- e. Identification of the nearest receiving waters at or near the construction site that will receive discharges from disturbed areas of the project;
- f. The location and description on any discharge associated with industrial activity other than construction at the site. This includes stormwater discharges from dedicated asphalt plants and dedicated concrete plants that are covered by this permit.
- g. A site map indicating:
 - (1) Directions of stormwater flow and approximate slopes anticipated after major grading activities;
 - (2) Areas of soil disturbance and areas of the site which will not be disturbed;
 - (3) Locations of major structural and nonstructural controls identified in the SWPPP, including those that will be permanent controls that will remain after construction activities have been completed;
 - (4) Locations where stabilization practices are expected to occur;
 - (5) Surface water bodies (including wetlands);
 - (6) Locations where stormwater discharges to a surface water;
 - (7) Locations of off-site material, waste, borrow or equipment storage areas covered by the plan;
 - (8) Locations of other potential pollution sources, such as vehicle fueling, storage of chemicals, sanitary waste facilities, etc.; and
 - (9) Areas where final stabilization has been accomplished and no further construction-phase permit requirements apply.

2. Controls to reduce pollutants. The SWPPP shall include a description of all pollution control measures that will be implemented as part of the construction activity to control pollutants in stormwater discharges. For each major activity identified in the project description, the SWPPP shall clearly describe appropriate control measures, the general sequencing during the construction process in which the measures will be implemented, and which operator is responsible for the control measure's implementation.

a. Erosion and sediment controls.

(1) Stabilization practices. The SWPPP shall include a description of interim and permanent stabilization practices for the site. Site plans should ensure that existing vegetation is preserved where attainable and that disturbed portions of the site are stabilized. Stabilization practices may include, but are not limited to: temporary seeding, permanent seeding, mulching, geotextiles, sod stabilization, vegetative buffer strips, protection of trees, preservation of mature vegetation, riprap, gabions, facines, biologs and other appropriate measures. Use of impervious surfaces for stabilization should be avoided.

(a) A record of the dates when major grading activities occur, when construction activities temporarily or permanently cease on a portion of the site, and when stabilization measures are initiated shall be maintained and included in the SWPPP.

(b) Except as provided in Section II D 2 a (1) (c), (d) and (e), stabilization measures shall be initiated as soon as practicable in portions of the site where construction activities have temporarily or permanently ceased, but in no case more than seven days after the construction activity in that portion of the site has temporarily or permanently ceased.

(c) Where the initiation of stabilization measures by the seventh day after construction activity temporary or permanently ceased is precluded by snow cover or frozen ground conditions, stabilization measures shall be initiated as soon as practicable.

(d) Where construction activity on a portion of the site is temporarily ceased, and earth disturbing activities will be resumed within 30 days, temporary stabilization measures do not have to be initiated on that portion of the site.

(e) In drought-stricken areas where initiating perennial vegetative stabilization measures is not possible within seven days after construction activity has temporarily or permanently ceased, final vegetative stabilization measures shall be initiated as soon as practicable.

(2) Structural practices. The SWPPP shall include a description of structural practices to divert flows from exposed soils, retain/detain flows or otherwise limit runoff and the discharge of pollutants from exposed areas of the site. Such practices may include, but are not limited to: silt fences, earth dikes, drainage swales, sediment traps, check dams, subsurface drains, pipe slope drains, level spreaders, storm drain inlet protection, rock outlet protection, reinforced soil retaining systems, gabions, and temporary or permanent

sediment basins. Structural practices should be located on upland soils to the degree attainable. The department and the permit issuing authority encourages the use of a combination of erosion and sediment control measures in order to achieve maximum pollutant removal.

(a) Sediment basins: For common drainage locations that serve an area with three or more acres disturbed at one time, a temporary (or permanent) sediment basin providing 3,618 cubic feet of storage per acre drained, or equivalent control measures, shall be provided where attainable until final stabilization of the site. The 3,618 cubic feet of storage area per acre drained does not apply to flows from off-site areas and flows from on-site areas that are either undisturbed or have undergone final stabilization where such flows are diverted around both the disturbed area and the sediment basin. In determining whether installing a sediment basin is attainable, the permittee may consider factors such as site soils, slope, available area on site, etc. In any event, the permittee must consider public safety, especially as it relates to children, as a design factor for the sediment basin and alternative sediment controls shall be used where site limitations would preclude a safe design.

(b) For drainage locations which serve three or more acres at one time and where a temporary sediment basin or equivalent controls is not attainable, smaller sediment basins and/or sediment traps should be used. At a minimum, silt fences, vegetative buffer strips, or equivalent sediment controls are required for all down slope boundaries, and for those side slope boundaries deemed appropriate as dictated by individual site conditions.

(c) For drainage locations serving less than three acres, smaller sediment basins or sediment traps or both should be used. At a minimum, silt fences, vegetative buffer strips or equivalent sediment controls are required for all downslope boundaries, and for those side slope boundaries deemed appropriate as dictated by individual site conditions, of the construction area unless a sediment basin providing storage for 3,618 cubic feet of storage per acre drained is provided.

b. Management practices.

(1) All control measures must be properly selected, installed, and maintained in accordance with manufacturer specifications and good engineering practices. If periodic inspections or other information indicates a control has been used inappropriately, or incorrectly, the permittee must replace or modify the control for site situations as soon as practicable.

(2) If sediment escapes the construction site, off-site accumulations of sediment must be removed at a frequency sufficient to minimize off-site impacts.

(3) Litter, construction debris, and construction chemicals exposed to stormwater shall be prevented from becoming a pollutant source in stormwater discharges.

c. Stormwater management.

(1) The SWPPP shall include a description of, and all necessary calculations supporting, all post-construction stormwater management measures that will be installed during the construction process to control pollutants in stormwater discharges after construction operations have been completed. Structural measures should be placed on upland soils to the degree attainable. Such measures must be designed and installed in accordance with applicable local and/or state requirements.

(2) Such measures may include, but are not limited to: stormwater detention structures (including dry ponds); stormwater retention structures; flow attenuation by use of open vegetated swales and natural depressions; infiltration of runoff on-site; stormwater wetlands; sand filters; bioretention systems; water quality structures; and sequential systems (which combine several practices). The SWPPP shall include an explanation of the technical basis used to select the practices to control pollution and flows that exceed predevelopment levels.

(3) Outflows from a stormwater management facility or stormwater conveyance system shall be discharged to an adequate channel. In addition, the natural, physical, chemical, and biological characteristics and functions of the receiving waters must be maintained and protected (e.g., no significant changes in the hydrological regime of the receiving water).

d. Other controls.

(1) The SWPPP shall describe measures to prevent the discharge of solid materials, including building materials, garbage, and debris to surface waters of the state, except as authorized by a Clean Water Act § 404 permit.

(2) Where construction vehicle access routes intersect paved public roads, provisions shall be made to minimize the transport of sediment by vehicular tracking onto the paved surface. Where sediment is transported onto a public road surface, the road shall be cleaned thoroughly at the end of each day. Sediment shall be removed from the roads by shoveling or sweeping and transported to a sediment control disposal area. Street washing shall be allowed only after sediment is removed in this manner.

(3) The SWPPP shall ensure and demonstrate compliance with applicable state or local waste disposal, sanitary sewer or septic system regulations.

(4) The SWPPP shall include a description of construction and waste materials expected to be stored on-site with updates as appropriate. The plan shall also include a description of controls to reduce pollutants from these materials, including storage practices to minimize exposure of the materials to stormwater, and for spill prevention and response.

(5) The SWPPP shall include a description of pollutant sources from areas other than construction (including stormwater discharges from dedicated asphalt plants and

dedicated concrete plants), and a description of controls and measures that will be implemented at those sites to minimize pollutant discharges.

e. Applicable state or local programs.

The SWPPP shall be consistent with all applicable state or local requirements for erosion and sediment control and stormwater management including updates to the SWPPP as necessary to reflect any revisions to applicable state or local requirements for erosion and sediment control and stormwater management.

3. Maintenance of controls.

a. The SWPPP must include a description and schedule of procedures to maintain in good and effective operating conditions vegetation, erosion and sediment control measures and other protective measures during construction identified in the site plan. If site inspections required by Section II D 4 identify BMPs that are not operating effectively, maintenance shall be performed before the next anticipated storm event, or as soon as practicable to maintain the continued effectiveness of stormwater controls.

b. If existing BMPs need to be modified or if additional BMPs are necessary for any reason, implementation shall be completed before the next anticipated storm event. If implementation before the next anticipated storm event is impracticable, the situation shall be documented in the SWPPP and alternative BMPs shall be implemented as soon as practicable.

4. Inspections. Inspections by qualified personnel must be conducted of all areas of the site disturbed by construction activity, and areas used for storage of materials that are exposed to stormwater. "Qualified personnel" means a licensed professional engineer, responsible land disturber (RLD), or other knowledgeable person who (i) holds a certificate of competence from the board in the area of project inspection; or (ii) is enrolled in the board's training program for project inspection or combined administrator and successfully completes such program within one year of enrollment.

a. Inspections shall be conducted at least once every 14 calendar days and within 48 hours of the end of any runoff producing storm event. Where areas have been finally or temporarily stabilized or runoff is unlikely due to winter conditions (e.g., the site is covered with snow or ice, or frozen ground exists) such inspections shall be conducted at least once every month.

b. Inspectors must look for evidence of, or the potential for, pollutants entering the stormwater conveyance system. Erosion and sediment control measures identified in the SWPPP shall be observed to ensure proper operation. Discharge locations where accessible shall be inspected to ascertain whether erosion and sediment control measures are effective in preventing significant impacts to receiving waters. Where discharge locations are inaccessible, nearby downstream locations shall be inspected to the extent that such inspections are practicable. Locations where vehicles enter or exit the site shall be inspected for evidence of off-site sediment tracking.

c. Utility line installation, pipeline construction, and other examples of long, narrow, linear construction activities may limit the access of inspection personnel to the areas described in Section II D 4 b. Inspection of these areas could require that vehicles compromise temporarily or even permanently stabilized areas, cause additional disturbance of soils, and increase the potential for erosion. In these circumstances, controls must be inspected on the same frequencies as other construction projects, but representative inspections may be performed. For representative inspections, personnel must inspect controls along the construction site for 0.25 miles above and below each access point where a roadway, undisturbed right-of-way, or other similar feature intersects the construction site and allows access to the areas described above. The conditions of the controls along each inspected 0.25-mile segment may be considered as representative of the condition of controls along that reach extending from the end of the 0.25-mile segment to either the end of the next 0.25-mile segment, or to the end of the project, whichever occurs first. Inspection locations must be listed in the report required by Section II D 4 e.

d. Based on the results of the inspection, the site and activity description identified in the plan in accordance with Section II D 1 of this permit and pollution prevention measures identified in the SWPPP in accordance with Section II D 2 of this permit shall be revised as appropriate within seven calendar days following the inspection.

e. A report summarizing the scope of the inspection, names and qualifications of personnel making the inspection, the dates of the inspection, major observations relating to the implementation of the SWPPP, and actions taken in accordance with Section II D 4 d of the permit shall be made and retained as part of the SWPPP in accordance with Section III B of this permit. Major observations should include:

- (1) The location(s) of discharges of sediment or other pollutants from the site;
- (2) Location(s) of BMPs that need to be maintained;
- (3) Location(s) of BMPs that failed to operate as designed or proved inadequate for a particular location;
- (4) Location(s) where additional BMPs are needed that did not exist at the time of inspection; and
- (5) Corrective action required including any changes to the SWPPP that are necessary and implementation dates.

The reports shall identify any incidents of noncompliance. Where a report does not identify any incidents of noncompliance, the report shall contain a certification that the facility is in compliance with the stormwater pollution prevention plan and this permit. The report shall be signed in accordance with Section III K of this permit.

5. Nonstormwater discharge management. The SWPPP shall identify all allowable sources of nonstormwater discharges listed in Section I D 2 of this permit that are combined with stormwater discharges from the construction activity at the site, except for flows from fire fighting activities. The SWPPP shall identify and ensure the implementation of appropriate pollution prevention measures for the nonstormwater components of the discharge.

SECTION III CONDITIONS APPLICABLE TO ALL VSMP PERMITS

NOTE: Monitoring is not required for this permit. If you choose to monitor your stormwater discharges or BMPs, you must comply with the requirements of subsections A, B, and C, as appropriate.

A. Monitoring.

1. Samples and measurements taken for the purpose of monitoring shall be representative of the monitoring activity.
2. Monitoring shall be conducted according to procedures approved under 40 CFR Part 136 or alternative methods approved by the U.S. Environmental Protection Agency, unless other procedures have been specified in this permit.
3. The permittee shall periodically calibrate and perform maintenance procedures on all monitoring and analytical instrumentation at intervals that will ensure accuracy of measurements.

B. Records.

1. Records of monitoring information shall include:
 - a. The date, exact place, and time of sampling or measurements;
 - b. The individual(s) who performed the sampling or measurements;
 - c. The date(s) and time(s) analyses were performed;
 - d. The individual(s) who performed the analyses;
 - e. The analytical techniques or methods used; and
 - f. The results of such analyses.
2. The permittee shall retain records of all monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation, copies of all reports required by this permit, and records of

all data used to complete the registration statement for this permit, for a period of at least three years from the date of the sample, measurement, report or request for coverage. This period of retention shall be extended automatically during the course of any unresolved litigation regarding the regulated activity or regarding control standards applicable to the permittee, or as requested by the board.

C. Reporting monitoring results.

1. The permittee shall submit the results of the monitoring required by this permit not later than the 10th day of the month after monitoring takes place, unless another reporting schedule is specified elsewhere in this permit. Monitoring results shall be submitted to the permit issuing authority.
2. Monitoring results shall be reported on a discharge monitoring report (DMR) or on forms provided, approved or specified by the department.
3. If the permittee monitors any pollutant specifically addressed by this permit more frequently than required by this permit using test procedures approved under 40 CFR Part 136 or using other test procedures approved by the U.S. Environmental Protection Agency or using procedures specified in this permit, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the DMR or reporting form specified by the department.
4. Calculations for all limitations which require averaging of measurements shall utilize an arithmetic mean unless otherwise specified in this permit.

D. Duty to provide information. The permittee shall furnish to the permit issuing authority, within a reasonable time, any information which the permit issuing authority may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit or to determine compliance with this permit. The permit issuing authority may require the permittee to furnish, upon request, such plans, specifications, and other pertinent information as may be necessary to determine the effect of the wastes from his discharge on the quality of state waters, or such other information as may be necessary to accomplish the purposes of the Virginia Stormwater Management Act. The permittee shall also furnish to the permit issuing authority, upon request, copies of records required to be kept by this permit.

E. Compliance schedule reports. Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule of this permit shall be submitted no later than 14 days following each schedule date.

F. Unauthorized discharges. Except in compliance with this permit or another permit issued by the permit issuing authority or the Department of Environmental Quality, it shall be unlawful for any person to:

1. Discharge into state waters sewage, industrial wastes, other wastes, or any noxious or deleterious substances; or

2. Otherwise alter the physical, chemical or biological properties of such state waters and make them detrimental to the public health, or to animal or aquatic life, or to the use of such waters for domestic or industrial consumption, or for recreation, or for other uses.

G. Reports of unauthorized discharges. Any permittee who discharges or causes or allows a discharge of sewage, industrial waste, other wastes or any noxious or deleterious substance into or upon state waters in violation of Section III F, or who discharges or causes or allows a discharge that may reasonably be expected to enter state waters in violation of Section III F, shall notify the department, the Department of Environmental Quality, and the permit issuing authority of the discharge immediately upon discovery of the discharge, but in no case later than 24 hours after said discovery. A written report of the unauthorized discharge shall be submitted to the department, the Department of Environmental Quality, and the permit issuing authority within five days of discovery of the discharge. The written report shall contain:

1. A description of the nature and location of the discharge;
2. The cause of the discharge;
3. The date on which the discharge occurred;
4. The length of time that the discharge continued;
5. The volume of the discharge;
6. If the discharge is continuing, how long it is expected to continue;
7. If the discharge is continuing, what the expected total volume of the discharge will be; and
8. Any steps planned or taken to reduce, eliminate and prevent a recurrence of the present discharge or any future discharges not authorized by this permit.

Discharges reportable to the department, the Department of Environmental Quality, and the permit issuing authority under the immediate reporting requirements of other regulations are exempted from this requirement.

H. Reports of unusual or extraordinary discharges. If any unusual or extraordinary discharge including a bypass or upset should occur from a facility and the discharge enters or could be expected to enter state waters, the permittee shall promptly notify, in no case later than 24 hours, the department, the Department of Environmental Quality, and the permit issuing authority by telephone after the discovery of the discharge. This notification shall provide all available details of the incident, including any adverse

effects on aquatic life and the known number of fish killed. The permittee shall reduce the report to writing and shall submit it to the department, the Department of Environmental Quality, and the permit issuing authority within five days of discovery of the discharge in accordance with Part Section III I 2. Unusual and extraordinary discharges include but are not limited to any discharge resulting from:

1. Unusual spillage of materials resulting directly or indirectly from processing operations;
2. Breakdown of processing or accessory equipment;
3. Failure or taking out of service some or all of the facilities; and
4. Flooding or other acts of nature.

I. Reports of noncompliance. The permittee shall report any noncompliance which may adversely affect state waters or may endanger public health.

1. An oral report shall be provided within 24 hours from the time the permittee becomes aware of the circumstances. The following shall be included as information which shall be reported within 24 hours under this paragraph:

- a. Any unanticipated bypass; and
- b. Any upset which causes a discharge to surface waters.

2. A written report shall be submitted within five days and shall contain:

- a. A description of the noncompliance and its cause;
- b. The period of noncompliance, including exact dates and times, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and
- c. Steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance.

The permit issuing authority may waive the written report on a case-by-case basis for reports of noncompliance under Section III I if the oral report has been received within 24 hours and no adverse impact on state waters has been reported.

3. The permittee shall report all instances of noncompliance not reported under Section III I 1 or 2 in writing at the time the next monitoring reports are submitted. The reports shall contain the information listed in Section III I 2.

NOTE: The immediate (within 24 hours) reports required in Section III G, H and I may be made to the department's Urban Program's Section of the Division of Soil and Water Conservation. Reports may be made by telephone or by fax. For reports outside normal

working hours, leaving a recorded message shall fulfill the immediate reporting requirement. For emergencies, the Virginia Department of Emergency Management maintains a 24 hour telephone service at 1-800-468-8892.

4. Where the permittee becomes aware that it failed to submit any relevant facts in a permit application, or submitted incorrect information in a permit application or in any report to the department, it shall promptly submit such facts or information.

J. Notice of planned changes.

1. The permittee shall give notice to the permit issuing authority as soon as possible of any planned physical alterations or additions to the permitted facility. Notice is required only when:

a. The permittee plans an alteration or addition to any building, structure, facility, or installation from which there is or may be a discharge of pollutants, the construction of which commenced:

(1) After promulgation of standards of performance under § 306 of the federal Clean Water Act which are applicable to such source; or

(2) After proposal of standards of performance in accordance with § 306 of the Clean Water Act which are applicable to such source, but only if the standards are promulgated in accordance with § 306 within 120 days of their proposal;

b. The alteration or addition could significantly change the nature or increase the quantity of pollutants discharged. This notification applies to pollutants which are not subject to effluent limitations in this permit; or

2. The permittee shall give advance notice to the permit issuing authority of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.

K. Signatory requirements.

1. Registration statement. All registration statements shall be signed as follows:

a. For a corporation: by a responsible corporate officer. For the purpose of this section, a responsible corporate officer means: (i) a president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy-making or decision-making functions for the corporation; or (ii) the manager of one or more manufacturing, production, or operating facilities, provided the manager is authorized to make management decisions that govern the operation of the regulated facility including having the explicit or implicit duty of making major capital investment recommendations, and initiating and directing other comprehensive measures to assure long term environmental compliance with environmental laws and regulations;

the manager can ensure that the necessary systems are established or actions taken to gather complete and accurate information for permit application requirements; and where authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures;

b. For a partnership or sole proprietorship: by a general partner or the proprietor, respectively; or

c. For a municipality, state, federal, or other public agency: by either a principal executive officer or ranking elected official. For purposes of this section, a principal executive officer of a public agency includes: (i) the chief executive officer of the agency or (ii) a senior executive officer having responsibility for the overall operations of a principal geographic unit of the agency.

2. Reports, etc. All reports required by permits and other information requested by the board shall be signed by a person described in Section III K 1 or by a duly authorized representative of that person. A person is a duly authorized representative only if:

a. The authorization is made in writing by a person described in Section III K 1;

b. The authorization specifies either an individual or a position having responsibility for the overall operation of the regulated facility or activity such as the position of plant manager, operator of a well or a well field, superintendent, position of equivalent responsibility, or an individual or position having overall responsibility for environmental matters for the company. (A duly authorized representative may thus be either a named individual or any individual occupying a named position); and

c. The written authorization is submitted to the department.

3. Changes to authorization. If an authorization under Section III K 2 is no longer accurate because a different individual or position has responsibility for the overall operation of the facility, a new authorization satisfying the requirements of Section III K 2 shall be submitted to the permit issuing authority prior to or together with any reports or information to be signed by an authorized representative.

4. Certification. Any person signing a document under Section III K 1 or 2 shall make the following certification:

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

L. Duty to comply. The permittee shall comply with all conditions of this permit. Any permit noncompliance constitutes a violation of the Virginia Stormwater Management Act and the Clean Water Act, except that noncompliance with certain provisions of this permit may constitute a violation of the Virginia Stormwater Management Act but not the Clean Water Act. Permit noncompliance is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or denial of a permit renewal application.

The permittee shall comply with effluent standards or prohibitions established under § 307(a) of the Clean Water Act for toxic pollutants within the time provided in the regulations that establish these standards or prohibitions or standards for sewage sludge use or disposal, even if this permit has not yet been modified to incorporate the requirement.

M. Duty to reapply. If the permittee wishes to continue an activity regulated by this permit after the expiration date of this permit, the permittee shall submit a new registration statement at least 90 days before the expiration date of the existing permit, unless permission for a later date has been granted by the board. The board shall not grant permission for registration statements to be submitted later than the expiration date of the existing permit.

N. Effect of a permit. This permit does not convey any property rights in either real or personal property or any exclusive privileges, nor does it authorize any injury to private property or invasion of personal rights, or any infringement of federal, state or local law or regulations.

O. State law. Nothing in this permit shall be construed to preclude the institution of any legal action under, or relieve the permittee from any responsibilities, liabilities, or penalties established pursuant to any other state law or regulation or under authority preserved by § 510 of the Clean Water Act. Except as provided in permit conditions on "bypassing" (Section III U), and "upset" (Section III V) nothing in this permit shall be construed to relieve the permittee from civil and criminal penalties for noncompliance.

P. Oil and hazardous substance liability. Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities, or penalties to which the permittee is or may be subject under §§ 62.1-44.34:14 through 62.1-44.34:23 of the State Water Control Law.

Q. Proper operation and maintenance. The permittee shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the permittee to achieve compliance with the conditions of this permit. Proper operation and maintenance also includes effective plant performance, adequate funding, adequate staffing, and adequate laboratory and process controls, including appropriate quality assurance procedures. This provision requires the operation of back-up or auxiliary facilities or similar systems which are

installed by the permittee only when the operation is necessary to achieve compliance with the conditions of this permit.

R. Disposal of solids or sludges. Solids, sludges or other pollutants removed in the course of treatment or management of pollutants shall be disposed of in a manner so as to prevent any pollutant from such materials from entering state waters.

S. Duty to mitigate. The permittee shall take all reasonable steps to minimize or prevent any discharge in violation of this permit which has a reasonable likelihood of adversely affecting human health or the environment.

T. Need to halt or reduce activity not a defense. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.

U. Bypass.

1. "Bypass" means the intentional diversion of waste streams from any portion of a treatment facility. The permittee may allow any bypass to occur which does not cause effluent limitations to be exceeded, but only if it also is for essential maintenance to ensure efficient operation. These bypasses are not subject to the provisions of Section III U 2 and 3.

2. Notice.

a. Anticipated bypass. If the permittee knows in advance of the need for a bypass, prior notice shall be submitted, if possible at least 10 days before the date of the bypass.

b. Unanticipated bypass. The permittee shall submit notice of an unanticipated bypass as required in Section III I.

3. Prohibition of bypass.

a. Bypass is prohibited, and the permit issuing authority may take enforcement action against a permittee for bypass unless:

(1) Bypass was unavoidable to prevent loss of life, personal injury, or severe property damage;

(2) There were no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate back-up equipment should have been installed in the exercise of reasonable engineering judgment to prevent a bypass which occurred during normal periods of equipment downtime or preventive maintenance; and

(3) The permittee submitted notices as required under Section III U 2.

b. The permit issuing authority may approve an anticipated bypass, after considering its adverse effects, if the permit issuing authority determines that it will meet the three conditions listed in Section III U 3 a.

V. Upset.

1. An upset constitutes an affirmative defense to an action brought for noncompliance with technology-based permit effluent limitations if the requirements of Section III V 2 are met. A determination made during administrative review of claims that noncompliance was caused by upset, and before an action for noncompliance, is not a final administrative action subject to judicial review.

2. A permittee who wishes to establish the affirmative defense of upset shall demonstrate, through properly signed, contemporaneous operating logs or other relevant evidence that:

a. An upset occurred and that the permittee can identify the cause(s) of the upset;

b. The permitted facility was at the time being properly operated;

c. The permittee submitted notice of the upset as required in Section III I; and

d. The permittee complied with any remedial measures required under Section III S.

3. In any enforcement proceeding, the permittee seeking to establish the occurrence of an upset has the burden of proof.

W. Inspection and entry. The permittee shall allow the director as the Board's designee, or an authorized representative (including an authorized contractor acting as a representative of the administrator), upon presentation of credentials and other documents as may be required by law to:

1. Enter upon the permittee's premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of this permit;

2. Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;

3. Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this permit; and

4. Sample or monitor at reasonable times, for the purposes of ensuring permit compliance or as otherwise authorized by the Clean Water Act and the Virginia Stormwater Management Act, any substances or parameters at any location.

For purposes of this section, the time for inspection shall be deemed reasonable during regular business hours, and whenever the facility is discharging. Nothing contained herein shall make an inspection unreasonable during an emergency.

X. Permit actions. Permits may be modified, revoked and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance does not stay any permit condition.

Y. Transfer of permits.

1. Permits are not transferable to any person except after notice to the permit issuing authority. Except as provided in Section III Y 2, a permit may be transferred by the permittee to a new owner or operator only if the permit has been modified or revoked and reissued, or a minor modification made, to identify the new permittee and incorporate such other requirements as may be necessary under the Virginia Stormwater Management Act and the Clean Water Act.

2. As an alternative to transfers under Section III Y 1, this permit may be automatically transferred to a new permittee if:

- a. The current permittee notifies the permit issuing authority at least 30 days in advance of the proposed transfer of the title to the facility or property;
- b. The notice includes a written agreement between the existing and new permittees containing a specific date for transfer of permit responsibility, coverage, and liability between them; and
- c. The permit issuing authority does not notify the existing permittee and the proposed new permittee of its intent to modify or revoke and reissue the permit. If this notice is not received, the transfer is effective on the date specified in the agreement mentioned in Section III Y 2 b.

Z. Severability. The provisions of this permit are severable, and if any provision of this permit or the application of any provision of this permit to any circumstance, is held invalid, the application of such provision to other circumstances and the remainder of this permit shall not be affected thereby.

Registration Statement

Notice of Termination

2VH039

DEPARTMENT OF CONSERVATION AND RECREATION PERMIT APPLICATION FEE
FORM
EFFECTIVE SEPTEMBER 2004

INSTRUCTIONS

Applicants for an individual Virginia Stormwater Management Program (VSMP) Permit is required to pay permit application fees. Fees are also required for registration for coverage under General Permits. Fees must be paid when applications for permit issuance, reissuance* or modification are submitted. Applications will be considered incomplete if the proper fee is not paid and will not be processed until the fee is received. (* - the reissuance fee does not apply to VSMP - see the fee schedule included with this form for details.)

The permit fee schedule is included with this form. Fees for permit issuance or reissuance and for permit modification are included. Once you have determined the fee for the type of application you are submitting, complete this form. The original copy of the form and your check or money order payable to "Treasurer of Virginia" should be mailed to:

Department of Conservation and Recreation
Division of Finance, Accounts Payable
203 Governor Street
Richmond, Virginia 23219

A copy of the form and a copy of your check or money order should accompany the permit application. You should retain a copy for your records. Please direct any questions regarding this form or fee payment to the Urban Programs Section of the Department of Conservation and Recreation at (804) 786-3998.

APPLICANT NAME: H. Hovnanian's Homes of Va. SSN/FIN: _____

ADDRESS: 4090-A Lafayette Center Drive
Chantilly, Va. 20151

DAYTIME PHONE: (703) _____ - _____

FACILITY/ACTIVITY NAME: Vint Hill Landbay (G) Phase I, II, & III

LOCATION: Off of Vint Hill Dr. & Osborne Dr. Warrenton, Va. 20185

TYPE OF PERMIT APPLIED FOR

(from Fee Schedule): Signal Family (Vertical Only)

TYPE OF ACTION: ☒ New Issuance ☐ Reissuance ☐ Modification

AMOUNT OF FEE SUBMITTED

(from Fee Schedule): \$500.00

EXISTING PERMIT NUMBER (if applicable): N/A

FOR DCR USE ONLY

Date: _____ DC #: _____

VSMP General Permit Registration Statement - Construction Activity Stormwater Discharges (DCR01)

(Please Type or Print All Information)

1. **Construction Activity Operator** (NOTE: The permit will be issued to this operator, and the Certification in Item #13 must be signed by the appropriate person associated with this operator [see the instructions])

Name: H. Haynarian's Homes of Virginia, Inc.
 Mailing Address: 4090-A Lafayette Center Drive
 City: Chattilly State: Va Zip: 20151 Phone: _____

2. **Location of Construction Activity**

Name: LANDBAY (G) ONLY (Vertical Home Construction)
 Address: OFF 602 VINT HILL RD.
 City: Warrenton, Va. State: Va Zip: 20187
 If street address unavailable: Latitude _____ Longitude _____

Location of all Offsite Support Activities to be Covered Under the Permit

Name: _____
 Address: _____
 City: _____ State: _____ Zip: _____
 If street address unavailable: Latitude _____ Longitude _____

3. **Status:** Federal ☐ State ☐ Public ☐ Private ☐ (Check one only)

4. **The Nature of the Construction Project** (e.g., commercial, industrial, residential, agricultural, oil and gas, etc.):

Vertical Construction Only (Signal Family Homes)

5. **Name of the Receiving Water(s)** Kettle Run

6. **If the Discharge is Through a Municipal Separate Storm Sewer System (MS4), the Name of the Municipal Operator of the Storm Sewer:** N/A

7. **Estimated Project Start Date:** _____ **Estimated Project Completion Date:** _____

8. **Total Land Area of Development** (to the nearest one-tenth acre): 27.3 ACRES **2 VH041**

Estimated Area to be Disturbed (to the nearest one-tenth acre): 22.1 ACRES

9. **Is the area to be disturbed by the construction activity part of a larger common plan of development or sale?** Yes ☐ No ☐

10. **Map:** Attach a topographic map or other map which clearly shows the location of the construction activity, the area to be disturbed (including offsite support activities), and the receiving stream(s) for the stormwater discharge(s).

NOTE: A stormwater pollution prevention plan (SWPPP) must be prepared in accordance with the requirements of the General VSMP Permit for Discharges of Stormwater from Construction Activities prior to submitting this Registration Statement. By signing this Registration Statement you are certifying that the SWPPP has been prepared.

11. **Location Where the SWPPP May be Viewed, and the Name and Phone Number of a Contact Person:** (NOTE: The contact person should be a person knowledgeable in the principles and practice of erosion and sediment controls, that is a licensed professional engineer, Responsible Land Disturber (RLD), or other knowledgeable person who (i) holds a certificate of competence from the board in the area of project inspection; or (ii) is enrolled in the board's training program for project inspection or combined administrator and successfully completes such program within one year of enrollment)

Location of SWPPP: Construction Trailer on SITE

Contact Person Name: _____ Phone Number: _____

12. **Permanent BMPs:** Attach a list of permanent BMPs (both structural and non-structural) that will be installed at the construction site. For each BMP, include the following information: (a) Type of BMP to be installed; (b) Geographic location (county - State Hydrologic Unit Code); (c) Waterbody the BMP will discharge into; and, (d) Number of acres that will be treated (to the nearest quarter acre).

13. **Certification:** "I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment for knowing violations."

Print Name: _____ Title: _____

Signature: [Signature] Date: 12/7/05

(Please sign in INK. The person signing this form must be associated with the operator identified in Item #1 above.)

For Department of Conservation and Recreation Use Only

Accepted/Not Accepted by: _____ Date: _____

Basin _____ Stream Class _____ Section _____ Special Standards _____

2VH042

Local Stormwater Management Program Review Checklist

Part I: Administrative Criteria

- ___ A copy of the approved plan and a record of all inspections is maintained for each land development project.
- ___ Evidence of approval of all necessary permits is present.
- ___ All SWM facilities have a maintenance plan/agreement, which identifies the owner and the responsible party for carrying out the maintenance plan.
- ___ SWM program has been integrated with other local programs requiring compliance prior to construction authorization (e.g. erosion & sediment control, Chesapeake Bay, flood insurance, flood plain management, etc.).

Ordinance

- ___ Identify the plan-approving authority and other positions of authority within the program.
- ___ Include the regulations and technical criteria to be used in the program.
- ___ Designate design standards to be used in plan review and inspection (e.g., VSWMH, local manual, etc.).
- ___ Include procedures for the submission and approval of plans.
- ___ Include procedures for the issuance of permits.
- ___ Include procedures for the monitoring and inspection of land development projects.
- ___ Identify the party responsible for conducting inspections and maintenance of permanent stormwater management facilities.

Part II: Technical Criteria

****** Denotes components that are required by the Virginia Stormwater Management Law or Regulations.

General Criteria**

- ___ Flooding and channel erosion impacts to receiving streams due to land development projects is calculated at each point of discharge from the development project and such includes any runoff from the balance of the watershed, which also contributes to that point of discharge.
- ___ The specified design storms is defined as either:
 - ___ 24-hour storm
 - ___ Storm of critical duration that produces the greatest required storage volume at the site, when using a design method such as the Modified Rational Method.
- ___ For purposes of computing runoff, all pervious lands in the site are assumed prior to development to be in good condition (if the lands are pastures, lawns, or parks), with good cover (if the lands are woods), or with conservation treatment (if the lands are cultivated); regardless of conditions existing at the time of computation.
- ___ Construction of SWM facilities or modifications to channels complies with all applicable laws and regulations.
- ___ Impounding structures that are not covered by the Impounding Structure Regulations (4 VAC 50-20-10 et seq.) are engineered for structural integrity during the 100-year storm event.
- ___ Pre-development and post-development runoff rates are verified by calculations that are consistent with good engineering practices.
- ___ Outflows from SWM facilities are discharged to an adequate channel, and velocity dissipators are placed at the outfall of all SWM facilities and along the length of any outfall channel, as necessary to provide a non-erosive velocity of flow from the basin to a channel.
- ___ SWM criteria are applied to proposed subdivisions as a whole. Hydrologic parameters reflect the ultimate land development and are used in all engineering calculations.
- ___ Construction of SWM impoundment structures within a FEMA designated 100-year floodplain are avoided to the extent possible. When this is unavoidable, all SWM facility construction is in compliance with all applicable regulations under the National Flood Insurance Program.
- ___ Natural channel characteristics are preserved to the maximum extent practicable.
- ___ Land development projects comply with the Virginia Erosion and Sediment Control Law and Regulations.

Water Quality

- ___ Water quality criteria is implemented according to VSWMR 4VAC 3-20-71. Criteria is:
 - ___ Performance-based, or
 - ___ Technology-based

Stream Channel Erosion

- ___ Land development projects comply with Minimum Standard 19 (only requirement for compliance with stream channel component).
- ___ Plan approving authority has the ability to require 24-hour extended detention of the runoff generated by the 1-year, 24-hour storm.
- ___ Is there any other design criteria used for stream channel analysis?

Flooding**

- ___ 10-year post-developed peak rate of runoff from development sites do not exceed the 10-year pre-development peak rate of runoff, or
- ___ Alternate design criteria is adopted, based on geographic, land use, topographic, geologic or other downstream conveyance factors as appropriate.

Regional Stormwater Management Plans

- ___ Regional SWM plan is adopted which addresses:
 - ___ Specific SWM issues within the targeted watersheds
 - ___ Technical criteria, outlined in 4 VAC 3-20-50 through 4 VAC 3-20-85, as needed based on the specific SWM issues.
 - ___ Implications of any local comprehensive plans, zoning requirements and other planning documents
 - ___ Opportunities for financing the watershed plan
 - ___ Maintenance of the regional SWM facilities
 - ___ Future expansion of the selected SWM facilities, in the event that development exceeds the anticipated level



Department of Conservation & Recreation
CONSERVING VIRGINIA'S NATURAL & RECREATIONAL RESOURCES

INSTRUCTIONS for FORM DCR 199-147

VSMP General Permit Notice Of Termination - Construction Activity Storm Water Discharges

General

A VSMP General Permit Notice of Termination must be submitted when an operator no longer wishes to be covered under a VSMP General Permit for Storm Water Discharges From Construction Activities.

Section 1 Activity Operator Information

Give the legal name of the person, firm, public organization, or any other entity that was issued the general permit for the site described in this Notice of Termination. Do not use a colloquial name. Enter the complete address and phone number of the operator.

Section 2 Activity Location Information

Enter the activity's official name and complete street address, including city, state and ZIP code. If the activity or site lacks a street address, indicate the latitude and longitude to the nearest 15 seconds of the approximate center of the site.

Section 3 Permit Information

Enter the existing VSMP Storm Water General Permit number assigned to the activity or site identified in Section 1.

Section 4 Reason for Termination

Check the appropriate statement indicating the reason for submitting this Notice of Termination. The Notice of Termination may only be submitted after one or more of the following conditions have been met:

1. Final stabilization has been achieved on all portions of the site for which the operator is responsible;
2. Another operator has assumed control over all areas of the site that have not been finally stabilized;
3. Coverage under an alternative VPDES or VSMP permit has been obtained; or
4. For residential construction only, temporary stabilization has been completed and the residence has been transferred to the homeowner.

The Notice of Termination must be submitted within 30 days of one of the above conditions being met.

Authorization to discharge terminates seven (7) days after the Notice of Termination is submitted. For the purposes of this permit, a Notice of Termination that is mailed is considered to be submitted once it is postmarked.

Section 5 Certification

State statutes provide for severe penalties for submitting false information on this Notice of Termination.

State regulations require this Notice of Termination to be signed as follows:

For a corporation: by a responsible corporate officer. For the purpose of this section, a responsible corporate officer means: (1) A president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy- or decision-making functions for the corporation, or (2) the manager of one or more manufacturing, production, or operating facilities provided the manager is authorized to make management decisions which govern the operation of the regulated facility including having the explicit or implicit duty of making major capital investment recommendations, and initiating and directing other comprehensive measures to assure long term environmental compliance with environmental laws and regulations; the manager can ensure that the necessary systems are established or actions taken to gather complete and accurate information for permit application requirements; and where authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures; **[Note: if the title of the individual signing this form is "Plant Manager", submit a written verification that the authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures];**

For a partnership or sole proprietorship: by a general partner or the proprietor; or

For a municipality, state, Federal, or other public facility: by either a principal executive officer or ranking elected official.

The Department of Conservation and Recreation reserves the right to request additional information not directly addressed by the registration statement if, in its discretion, a facility or operation poses a potential impact on water quality.

2VH046

VSMP General Permit Registration Statement-Construction Activity Discharges Checklist

Operator

Project Name

Has a copy of the completed registration application been enclosed?

Yes

✓

No

Has the application been signed by a person authorized by the operator?

Yes

✓

No

Has a list of Off-Site Activities been attached?

Yes

No

✓

Has a list of the Permanent BMPs been attached?

Yes

✓

No

Has a map detailing the site location been attached?

Yes

✓

No

Has a copy of the check and application fee form application been attached to the application?

Yes

✓

No

The Registration Application should be collectively mailed to:

Department of Conservation and Recreation
Storm Water Permitting
203 Governor Street, Suite 206
Richmond, VA 23219

****DO NOT ENCLOSE THE ACTUAL FEE PAYMENT WITH APPLICATION**

For registrations where payment will be by check or money order

Has an application fee form been completed?

Yes

✓

No

Has a check or money order been cut for the proper amount?

Yes

✓

No

Has the check or money order been made payable to "Treasurer of Virginia"

Yes

✓

No

The Actual Payment and Application Fee Form must be sent to:

Department of Conservation and Recreation
Division of Finance, Accounts Payable
ATTN: Storm Water Permits
203 Governor Street
Richmond, Virginia 23219

****DO NOT ENCLOSE THE ACTUAL PERMIT APPLICATION WITH PAYMENT**

Upon receipt of a completed application for registration and payment, DCR will mail a notice of coverage to the Operator listed in the application. Failure to submit all required information will result in the failure of the project to be properly registered and could result in enforcement action.

2VH047

DEPARTMENT OF CONSERVATION AND RECREATION PERMIT APPLICATION FEE
FORM
EFFECTIVE SEPTEMBER 2004

INSTRUCTIONS

Applicants for an individual Virginia Stormwater Management Program (VSMP) Permit is required to pay permit application fees. Fees are also required for registration for coverage under General Permits. Fees must be paid when applications for permit issuance, reissuance* or modification are submitted. Applications will be considered incomplete if the proper fee is not paid and will not be processed until the fee is received. (* - the reissuance fee does not apply to VSMP - see the fee schedule included with this form for details.)

The permit fee schedule is included with this form. Fees for permit issuance or reissuance and for permit modification are included. Once you have determined the fee for the type of application you are submitting, complete this form. The original copy of the form and your check or money order payable to "Treasurer of Virginia" should be mailed to:

Department of Conservation and Recreation
Division of Finance, Accounts Payable
203 Governor Street
Richmond, Virginia 23219

A copy of the form and a copy of your check or money order should accompany the permit application. You should retain a copy for your records. Please direct any questions regarding this form or fee payment to the Urban Programs Section of the Department of Conservation and Recreation at (804) 786-3998.

APPLICANT NAME: K. Hovnanian's Homes of Va. SSN/FIN: _____

ADDRESS: 4090-A Lafayette Center Drive
Chantilly, Va. 20151

DAYTIME PHONE: (703) _____ - _____

FACILITY/ACTIVITY NAME: Vint Hill Landbay (G) Phase I, II, & III

LOCATION: Off of Vint Hill Dr. & Osborne Dr. Warrenton, Va. 20187

TYPE OF PERMIT APPLIED FOR

(from Fee Schedule): Signal Family (Vertical Only)

TYPE OF ACTION: ☒ New Issuance ☐ Reissuance ☐ Modification

AMOUNT OF FEE SUBMITTED

(from Fee Schedule): \$500.00

EXISTING PERMIT NUMBER (if applicable): N/A

FOR DCR USE ONLY

Date: _____

DC #: _____

FEE SCHEDULES

A. VSMP Permits. Applications for issuance of new individual VSMP permits, and for permittee initiated major modifications that occur (and become effective) before the stated permit expiration date. [NOTE: VSMP permittees pay an Annual Permit Maintenance Fee instead of a reapplication fee. The permittee is billed separately by DCR for the Annual Permit Maintenance Fee.]

| TYPE OF PERMIT | ISSUANCE | MODIFICATION |
|---|----------|--------------|
| VSMP Municipal Stormwater / MS4 Individual (Large and Medium) | \$21,300 | \$10,650 |
| VSMP Municipal Stormwater / MS4 Individual (Small) | \$2,000 | \$1,000 |

B. Registration Statements for VSMP General Permit Coverage. The fee for filing a permit application (registration statement) for coverage under a VSMP stormwater general permit issued by the permit issuing authority.

| TYPE OF PERMIT | ISSUANCE |
|--|----------|
| VSMP Municipal Stormwater / MS4 General Permit (Small) | \$600 |
| VSMP General / Stormwater Management - Phase I Land Clearing ("Large" Construction Activity - Sites or common plans of development equal to or greater than 5 acres) | \$500 |
| VSMP General / Stormwater Management - Phase II Land Clearing ("Small" Construction Activity - Sites or common plans of development equal to or greater than 1 acre and less than 5 Acres) | \$300 |

C. Permit Maintenance Fees. The annual permit maintenance fees apply to each VSMP permit identified below, including expired permits that have been administratively continued.

| TYPE OF PERMIT | MAINTENANCE |
|--|-------------|
| VSMP Municipal Stormwater / MS4 (Large and Medium) | \$3,800 |
| VSMP Municipal Stormwater / MS4 Individual (Small) | \$400 |
| VSMP General / Stormwater Management - Phase I Land Clearing ("Large" Construction Activity - Sites or common plans of development equal to or greater than 5 acres) | \$0 |
| VSMP General / Stormwater Management - Phase II Land Clearing ("Small" Construction Activity - Sites or common plans of development equal to or greater than 1 acre and less than 5 Acres) | \$0 |



INSTRUCTIONS for FORM DCR 199-146

VSMP General Permit Registration Statement - Construction Activity Stormwater Discharges

General

A Registration Statement must be submitted when an operator makes application to the Department of Conservation and Recreation for coverage under the General VSMP Permit for Stormwater Discharges From Construction Activities.

Section 1 Activity Operator Information

For the purposes of this general permit, "Operator" means any person, company, corporation, partnership, etc., associated with a construction project that meets either of the following two criteria: (1) has direct operational control over construction plans and specifications, including the ability to make modifications to those plans and specifications; or (2) has day-to-day operational control of those activities at a project which are necessary to ensure compliance with a stormwater pollution prevention plan for the site or other permit conditions (e.g., they are authorized to direct workers at a site to carry out activities required by the stormwater pollution prevention plan or comply with other permit conditions). The entities who are considered operators will commonly consist of the owner or developer of a project (the party with control of project specifications) and the general contractor (the party with day to day operational control of the activities at the project site which are necessary to ensure compliance with the permit). Contractors and subcontractors who are under the general supervision of the general contractor are not considered operators and would not need to submit a registration statement. Give the legal name of the operator, do not use a colloquial name. Enter the complete address and phone number of the operator. **The permit will be issued to this operator.**

Section 2 Activity Location Information

Enter the activity's official name and complete street address, including city, state and ZIP code. If the site lacks a street address, enter the latitude and longitude to the nearest 15 seconds of the approximate center of the site.

Offsite Support Activities

The general permit may be used to authorize stormwater discharges from activities that are located away from the construction site (e.g., concrete or asphalt batch plants, equipment staging yards, material storage areas, excavated material disposal areas, borrow areas) provided that they meet the following criteria: (1) The support activity is directly related to a construction site that is required to have VSMP permit coverage for discharges of stormwater associated with construction activity; (2) The support activity is not a commercial operation serving multiple unrelated construction projects by different operators, and does not operate beyond the completion of the construction activity at the last construction project it supports; and (3) Appropriate controls and measures are identified in a stormwater pollution prevention plan covering the discharges from the support activity areas.

Provide the information required for each offsite support activity seeking coverage. Support activities located off site are not required to be covered under this general permit. Discharges of stormwater from offsite support activities may be authorized under another VSMP permit. Where stormwater discharges from offsite support activities are not authorized under this general permit, the land area of the offsite support activity need not be included in determining the total land disturbance acreage of the activity seeking general permit coverage.

Section 3 Legal Status

Indicate the appropriate legal status of the operator of the site.

Section 4 Nature of the Construction Project

Examples: commercial, residential, agricultural, oil and gas, etc.

Section 5 Name of Receiving Water(s)

Enter the name of the receiving water(s) for all stormwater discharge(s), including any stormwater discharges from offsite support activities to be covered under the permit.

Section 6 Name of MS4 Operator

If the stormwater is discharged through a municipal separate storm sewer system (MS4), enter the name of the operator of the MS4.

Section 7 Estimated Project Start Date

Enter the date project is projected to start.

Estimated Project Completion Date

Enter the estimated project completion date.

Section 8 Total Land Area of the Development

Enter the total area (to the nearest 1/4 acre) of the development (meaning the total acreage of the larger common plan of development or sale). Include the acreage of any offsite support activities to be covered under the permit.

Estimated Acres to be Disturbed

Enter an estimate of the total number of acres of the site (to the nearest 1/4 acre) on which soil will be disturbed.

Section 9 Larger Common Plan of Development or Sale

Indicate if the area to be disturbed by the construction activity is part of a larger common plan of development or sale.

Section 10 Map

Attach a topographic map or other map which clearly shows the location of the construction activity, the area to be disturbed, and the receiving stream(s) for the stormwater discharge(s), including any offsite support activities to be covered under the permit.

Section 11 Location of Pollution Prevention Plan (SWPPP)

A stormwater pollution prevention plan (SWPPP) must be prepared in accordance with the requirements of the General VSMP Permit for Discharges of Stormwater from Construction Activities prior to submitting this Registration Statement. Give the location where the stormwater pollution prevention plan for the site may be viewed, and the name and phone number of a contact person. The contact person should be a person knowledgeable in the principles and practice of erosion and sediment controls, such as a licensed professional engineer, Responsible Land Disturber (RLD), or other knowledgeable person who (i) holds a certificate of competence from the board in the area of project inspection; or (ii) is enrolled in the board's training program for project inspection or combined administrator and successfully completes such program within one year of enrollment.

Section 12 Permanent BMPs That Will Be Installed

Attach a list of the permanent BMPs (both structural and non-structural) that will be installed at the construction site. For each BMP, include the following information:

- Type of BMP to be installed
- Geographic location (county - State Hydrologic Unit Code)
- Waterbody the BMP will discharge into
- Number of acres that will be treated (to the nearest quarter acre)

Section 13 Certification

The operator identified in Section 1 of this Registration Statement is responsible for certifying and submitting this Registration Statement. Please sign the form in INK. State statutes provide for severe penalties for submitting false information on this Registration Statement. State regulations require this Registration Statement to be signed as follows:

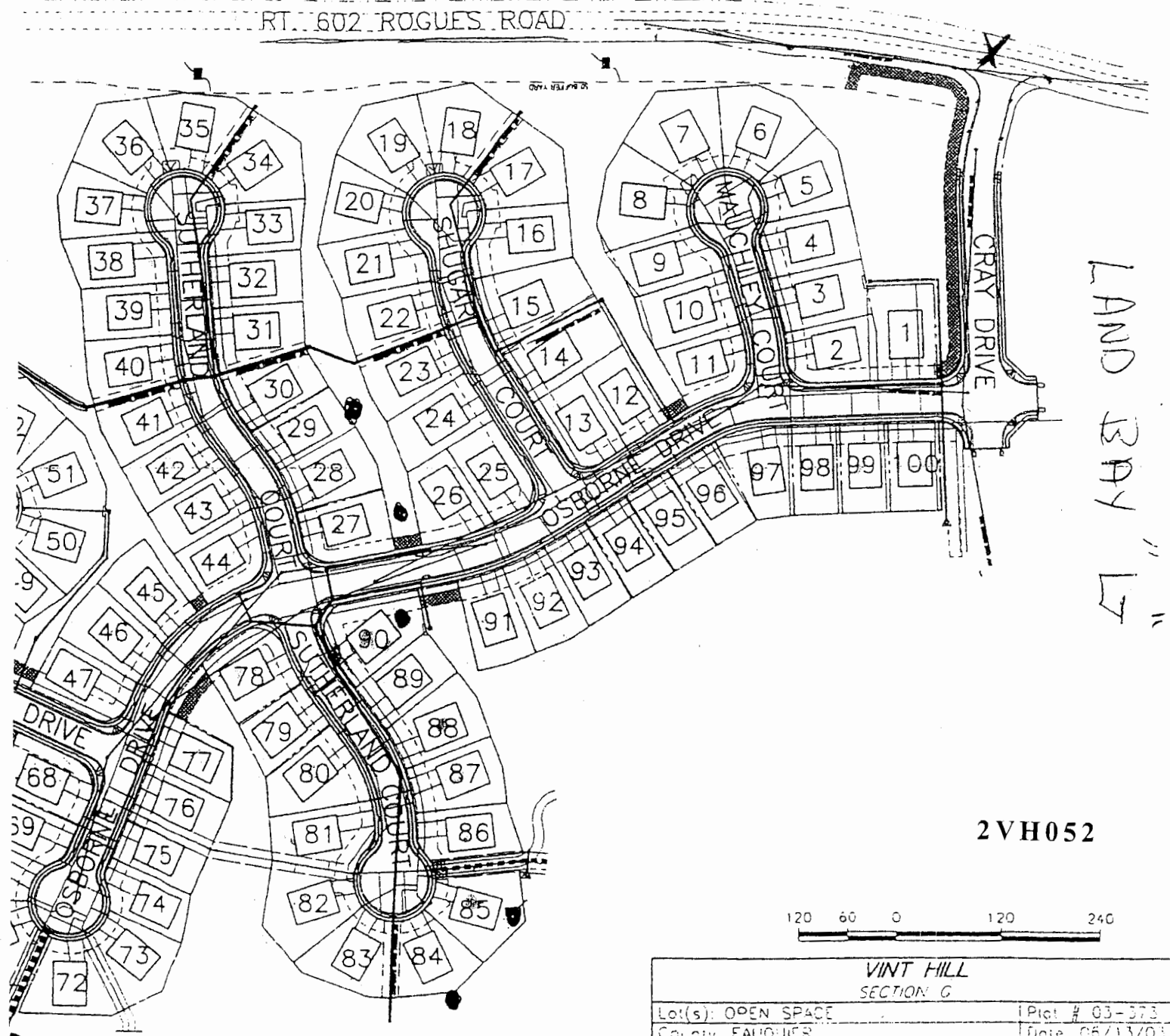
For a corporation: by a responsible corporate officer. For the purpose of this section, a responsible corporate officer means: (1) A president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy- or decision-making functions for the corporation, or (2) the manager of one or more manufacturing, production, or operating facilities provided the manager is authorized to make management decisions which govern the operation of the regulated facility including having the explicit or implicit duty of making major capital investment recommendations, and initiating and directing other comprehensive measures to assure long term environmental compliance with environmental laws and regulations; the manager can ensure that the necessary systems are established or actions taken to gather complete and accurate information for permit application requirements; and where authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures; **[Note: if the title of the individual signing this form is "Plant Manager", submit a written verification that the authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures];**

For a partnership or sole proprietorship: by a general partner or the proprietor; or

For a municipality, state, Federal, or other public facility: by either a principal executive officer or ranking elected official.

The Department of Conservation and Recreation reserves the right to request additional information not directly addressed by the Registration Statement if, in its discretion, a facility or operation poses a potential impact on water quality.

2VH051



2VH052

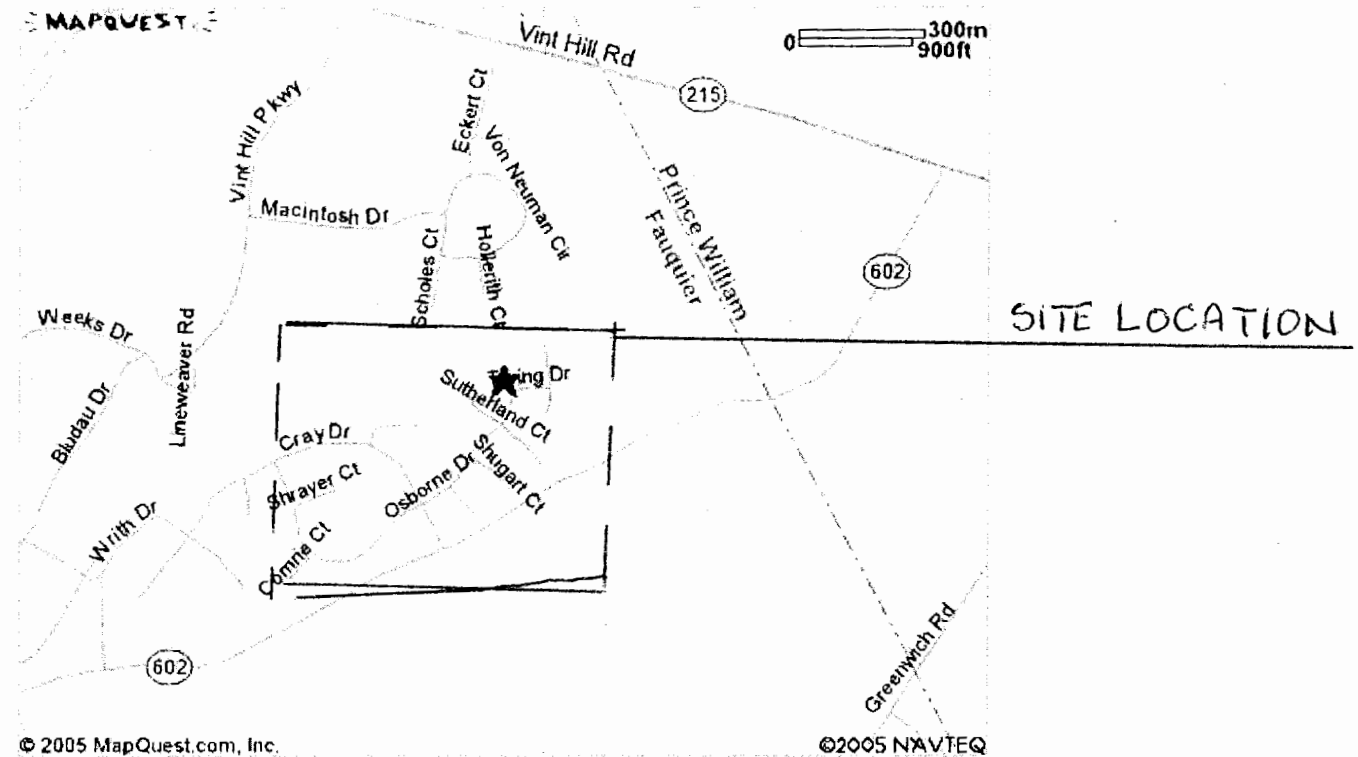


| VINT HILL SECTION G | |
|------------------------|---------------|
| Lot(s): OPEN SPACE | Plot # 03-373 |
| County FAUQUIER | Date 06/13/03 |
| Tax Map # | W.O. # 30560 |
| NOV 1999 # 3401200000 | Scale 1"=60' |

Grantee: VINT HILL CONSERVANCY



★ [3500-3636] Osborne Dr Warrenton, VA
20187, US



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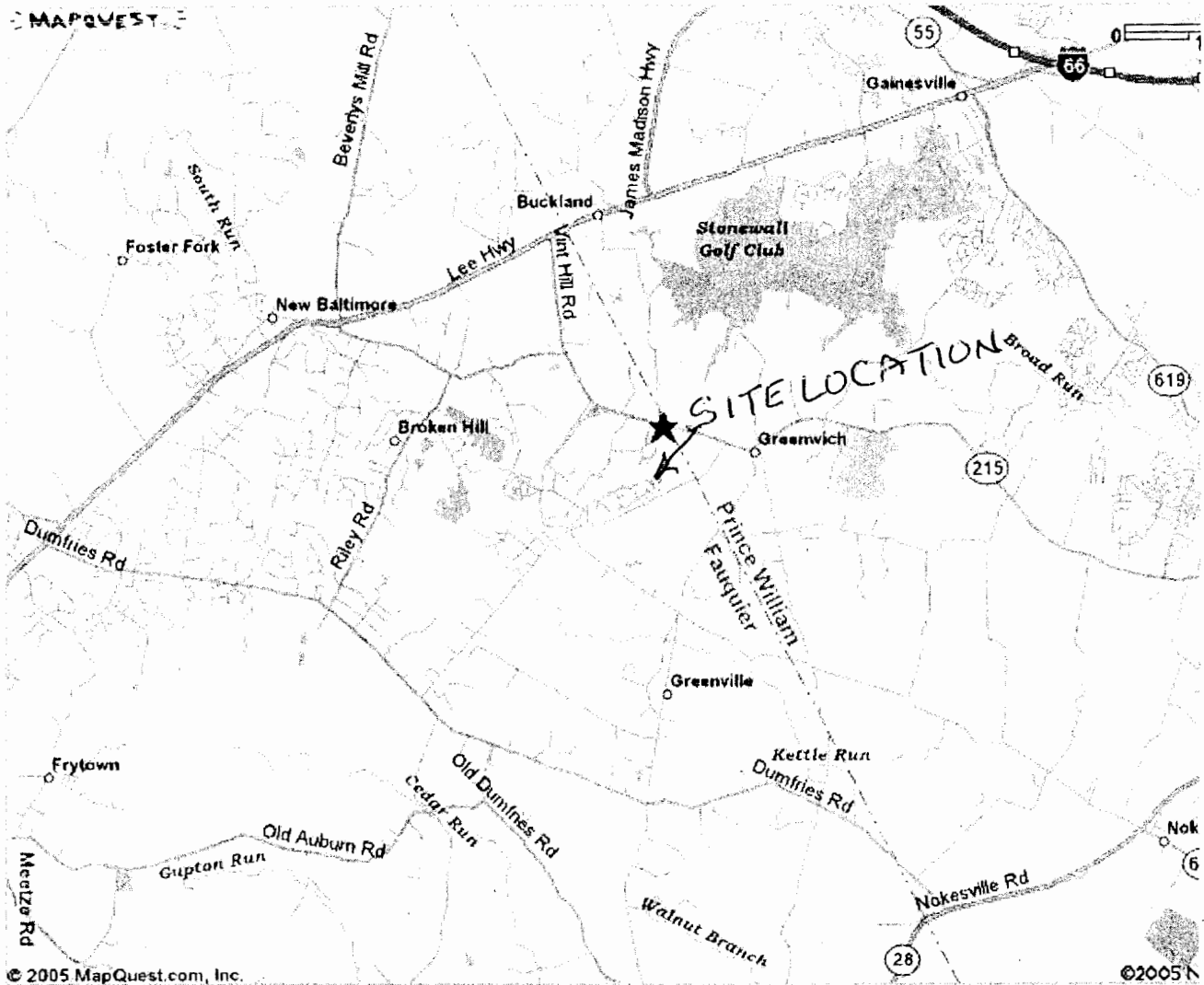
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2VH053



★ Warrenton, VA 20187-0003, US



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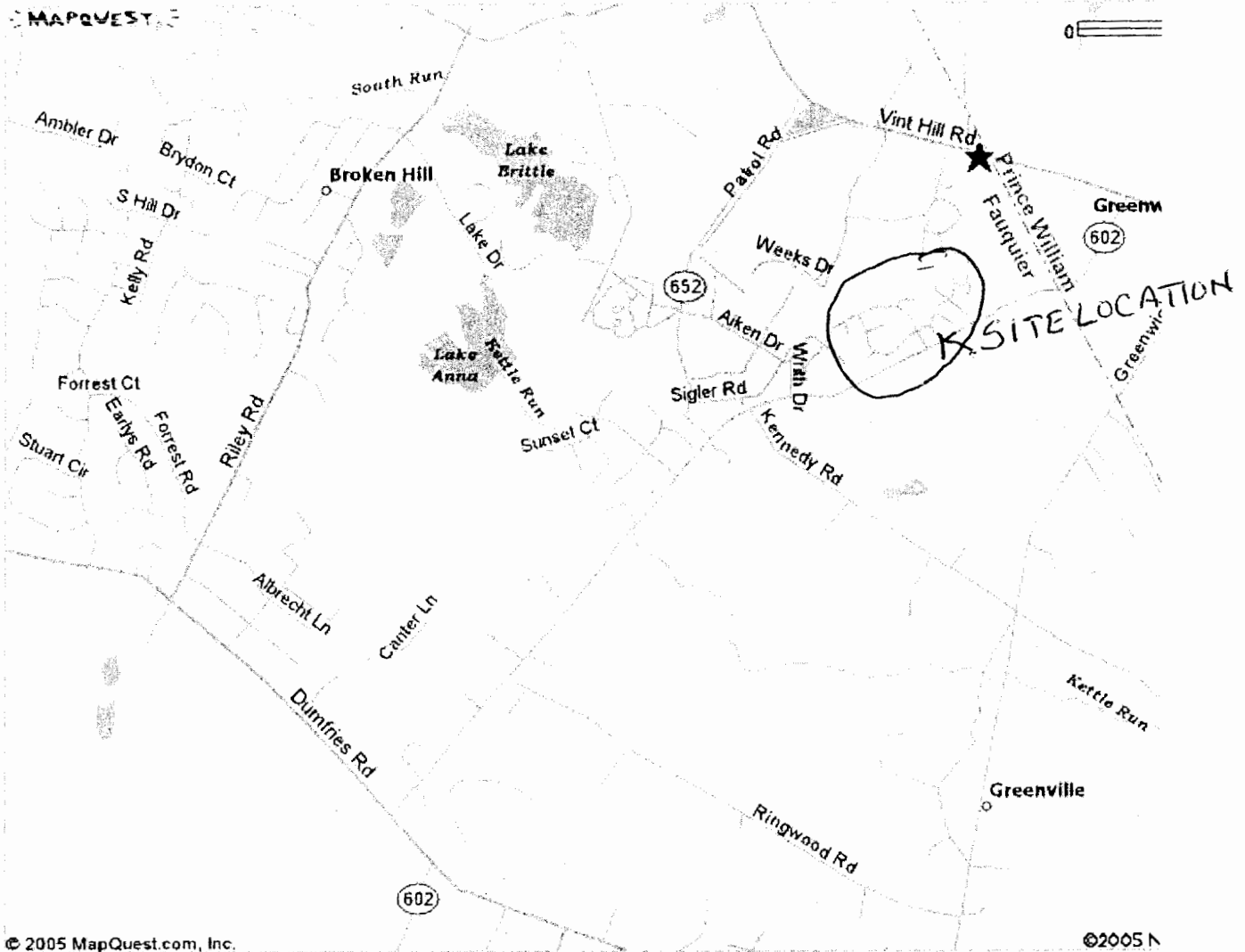
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2VH054

MAPQUEST

★ Warrenton, VA 20187-0003, US



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2VH055

COMMONWEALTH of VIRGINIA

Virginia Stormwater Management
Regulations
2001

Department of Conservation and Recreation
Division of Soil and Water Conservation
203 Governor Street, Suite 206
Richmond, VA 23219-2094

Phone (804) 786-2064



Department of Conservation & Recreation

CONSERVING VIRGINIA'S NATURAL AND RECREATIONAL RESOURCES

2VH056

VIRGINIA STORMWATER MANAGEMENT REGULATIONS

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The following is a complete text of the Virginia Stormwater Management Regulations 4VAC3-20 amended by the Board of Conservation and Recreation, effective March 5, 1998

PART I.
GENERAL.

4 VAC 3-20-10. Definitions.

The following words and terms used in this chapter have the following meanings, unless the context clearly indicates otherwise.

"*Act*" means Article 1.1 (§ 10.1-603.1 et seq.) of Chapter 6 of Title 10.1 of the Code of Virginia.

"*Adequate channel*" means a channel that will convey the designated frequency storm event without overtopping the channel banks nor causing erosive damage to the channel bed or banks.

"*Applicant*" means any person submitting a stormwater management plan for approval.

"*Aquatic bench*" means a 10- to 15-foot wide bench around the inside perimeter of a permanent pool that ranges in depth from zero to 12 inches. Vegetated with emergent plants, the bench augments pollutant removal, provides habitats, conceals trash and water level fluctuations, and enhances safety.

"*Average land cover condition*" means a measure of the average amount of impervious surfaces within a watershed, assumed to be 16%. Note that a locality may opt to calculate actual watershed-specific values for the average land cover condition based upon 4 VAC 3-20-101.

"*Best management practice (BMP)*" means a structural or nonstructural practice which is designed to minimize the impacts of development on surface and groundwater systems.

"*Bioretention basin*" means a water quality BMP engineered to filter the water quality volume through an engineered planting bed, consisting of a vegetated surface layer (vegetation, mulch, ground cover), planting soil, and sand bed, and into the in-situ material.

"*Bioretention filter*" means a bioretention basin with the addition of a sand filter collector pipe system beneath the planting bed.

"*Board*" means the Board of Conservation and Recreation.

"*Channel*" means a natural or manmade waterway.

"*Constructed wetlands*" means areas intentionally designed and created to emulate the water quality improvement function of wetlands for the primary purpose of removing pollutants from stormwater.

"*Department*" means the Department of Conservation and Recreation.

"*Development*" means a tract of land developed or to be developed as a unit under single ownership

or unified control which is to be used for any business or industrial purpose or is to contain three or more residential dwelling units.

"Director" means the Director of the Department of Conservation and Recreation.

"Flooding" means a volume of water that is too great to be confined within the banks or walls of the stream, water body or conveyance system and that overflows onto adjacent lands, causing or threatening damage.

"Grassed swale" means an earthen conveyance system which is broad and shallow with erosion resistant grasses and check dams, engineered to remove pollutants from stormwater runoff by filtration through grass and infiltration into the soil.

"Impervious cover" means a surface composed of any material that significantly impedes or prevents natural infiltration of water into soil. Impervious surfaces include, but are not limited to, roofs, buildings, streets, parking areas, and any concrete, asphalt, or compacted gravel surface.

"Infiltration facility" means a stormwater management facility which temporarily impounds runoff and discharges it via infiltration through the surrounding soil. While an infiltration facility may also be equipped with an outlet structure to discharge impounded runoff, such discharge is normally reserved for overflow and other emergency conditions. Since an infiltration facility impounds runoff only temporarily, it is normally dry during nonrainfall periods. Infiltration basin, infiltration trench, infiltration dry well, and porous pavement shall be considered infiltration facilities.

"Inspection" means an on-site review of the project's compliance with the approved plan, the local stormwater management program, and any applicable design criteria.

"Land development" or *"land development project"* means a manmade change to, or construction on, the land surface, except as exempted in the Stormwater Management Act, § 10.1-603.8 B of the Code of Virginia, that changes its runoff characteristics.

"Linear development project" means a land development project that is linear in nature such as, but not limited to, (i) the construction of electric and telephone utility lines, and natural gas pipelines; (ii) construction of tracks, rights-of-way, bridges, communication facilities and other related structures of a railroad company; and (iii) highway construction projects.

"Local stormwater management program" or *"local program"* means a statement of the various methods adopted pursuant to the Act and implemented by a locality to manage the runoff from land development projects and shall include an ordinance with provisions to require the control of after-development stormwater runoff rate of flow, the proper maintenance of stormwater management facilities, and minimum administrative procedures consistent with this chapter.

"Locality" means a county, city, or town.

"Nonpoint source pollution" means contaminants such as sediment, nitrogen and phosphorous, hydrocarbons, heavy metals, and toxics whose sources cannot be pinpointed but rather are washed

from the land surface in a diffuse manner by stormwater runoff.

"Nonpoint source pollutant runoff load" or *"pollutant discharge"* means the average amount of a particular pollutant measured in pounds per year, delivered in a diffuse manner by stormwater runoff.

"Percent impervious" means the impervious area within the site divided by the area of the site multiplied by 100.

"Person" means any individual, partnership, firm, association, joint venture, public or private corporation, trust, estate, commission, board, public or private institution, utility, cooperative, county, city, town or other political subdivision of the Commonwealth, any interstate body or any other legal entity.

"Planning area" means a designated portion of the parcel on which the land development project is located. Planning areas shall be established by delineation on a master plan. Once established, planning areas shall be applied consistently for all future projects.

"Post-development" refers to conditions that reasonably may be expected or anticipated to exist after completion of the land development activity on a specific site or tract of land.

"Pre-development" refers to the conditions that exist at the time that plans for the land development of a tract of land are approved by the plan approval authority. Where phased development or plan approval occurs (preliminary grading, roads and utilities, etc.), the existing conditions at the time *prior to* the first item being approved or permitted shall establish pre-development conditions.

"Regional (watershed-wide) stormwater management facility" or *"regional facility"* means a facility or series of facilities designed to control stormwater runoff from a specific watershed, although only portions of the watershed may experience land development.

"Regional (watershed-wide) stormwater management plan" or *"regional plan"* means a document containing material describing how runoff from open space, existing development and future planned development areas within a watershed will be controlled by coordinated design and implementation of regional stormwater management facilities.

"Runoff" or *"stormwater runoff"* means that portion of precipitation that is discharged across the land surface or through conveyances to one or more waterways.

"Sand filter" means a contained bed of sand which acts to filter the first flush of runoff. The runoff is then collected beneath the sand bed and conveyed to an adequate discharge point or infiltrated into the in-situ soils.

"Shallow marsh" means a zone within a stormwater extended detention basin that exists from the surface of the normal pool to a depth of six to 18 inches, and has a large surface area and, therefore, requires a reliable source of baseflow, groundwater supply, or a sizeable drainage area, to maintain the desired water surface elevations to support emergent vegetation.

"Site" means the parcel of land being developed, or a designated planning area in which the land development project is located.

"State project" means any land development project which is undertaken by any state agency, board, commission, authority or any branch of state government, including state supported institutions of higher learning.

"Stormwater detention basin" or "detention basin" means a stormwater management facility which temporarily impounds runoff and discharges it through a hydraulic outlet structure to a downstream conveyance system. While a certain amount of outflow may also occur via infiltration through the surrounding soil, such amounts are negligible when compared to the outlet structure discharge rates and are, therefore, not considered in the facility's design. Since a detention facility impounds runoff only temporarily, it is normally dry during nonrainfall periods.

"Stormwater extended detention basin" or "extended detention basin" means a stormwater management facility which temporarily impounds runoff and discharges it through a hydraulic outlet structure over a specified period of time to a downstream conveyance system for the purpose of water quality enhancement or stream channel erosion control. While a certain amount of outflow may also occur via infiltration through the surrounding soil, such amounts are negligible when compared to the outlet structure discharge rates and, therefore, are not considered in the facility's design. Since an extended detention basin impounds runoff only temporarily, it is normally dry during nonrainfall periods.

"Stormwater extended detention basin-enhanced" or "extended detention basin-enhanced" means an extended detention basin modified to increase pollutant removal by providing a shallow marsh in the lower stage of the basin.

"Stormwater management facility" means a device that controls stormwater runoff and changes the characteristics of that runoff including, but not limited to, the quantity and quality, the period of release or the velocity of flow.

"Stormwater management plan" or "plan" means a document containing material for describing how existing runoff characteristics will be affected by a land development project and methods for complying with the requirements of the local program or this chapter.

"Stormwater retention basin" or "retention basin" means a stormwater management facility which includes a permanent impoundment, or normal pool of water, for the purpose of enhancing water quality and, therefore, is normally wet, even during nonrainfall periods. Storm runoff inflows may be temporarily stored above this permanent impoundment for the purpose of reducing flooding, or stream channel erosion.

"Stormwater retention basin I" or "retention basin I" means a retention basin with the volume of the permanent pool equal to three times the water quality volume.

"Stormwater retention basin II" or "retention basin II" means a retention basin with the volume of the permanent pool equal to four times the water quality volume.

"Stormwater retention basin III" or "retention basin III" means a retention basin with the volume of the permanent pool equal to four times the water quality volume with the addition of an aquatic bench.

"Subdivision" unless otherwise defined in a local ordinance adopted pursuant to § 15.1-465 of the Code of Virginia, means the division of a parcel of land into three or more lots or parcels of less than five acres each for the purpose of transfer of ownership or building development, or, if a new street is involved in such division, any division of a parcel of land. The term includes resubdivision and, when appropriate to the context, shall relate to the process of subdividing or to the land subdivided.

"Vegetated filter strip" means a densely vegetated section of land engineered to accept runoff as overland sheet flow from upstream development. It shall adopt any natural vegetated form, from grassy meadow to small forest. The vegetative cover facilitates pollutant removal through filtration, sediment deposition, infiltration and absorption, and is dedicated for that purpose.

"Water quality volume" means the volume equal to the first 1/2 inch of runoff multiplied by the impervious surface of the land development project.

"Watershed" means a defined land area drained by a river, stream or drainage ways or system of connecting rivers, streams, or drainage ways such that all surface water within the area flows through a single outlet.

4 VAC 3-20-30. Purposes.

The purposes of this chapter are to provide a framework for the administration, implementation and enforcement of the Act, while at the same time providing flexibility for innovative solutions to stormwater management issues.

4 VAC 3-20-40. Applicability.

This chapter is applicable to:

1. Every locality that establishes a local stormwater management program; and
2. Every state project.

PART II.
TECHNICAL CRITERIA.

4 VAC 3-20-50. Applicability.

This part specifies technical criteria for localities that establish a local stormwater management program and for state projects.

4 VAC 3-20-60. General.

A. Determination of flooding and channel erosion impacts to receiving streams due to land development projects shall be measured at each point of discharge from the development project and such determination shall include any runoff from the balance of the watershed which also contributes to that point of discharge.

B. The specified design storms shall be defined as either a 24-hour storm using the rainfall distribution recommended by the U.S. Soil Conservation Service when using U.S. Soil Conservation Service methods or as the storm of critical duration that produces the greatest required storage volume at the site when using a design method such as the Modified Rational Method.

C. For purposes of computing runoff, all pervious lands in the site shall be assumed prior to development to be in good condition (if the lands are pastures, lawns, or parks), with good cover (if the lands are woods), or with conservation treatment (if the lands are cultivated); regardless of conditions existing at the time of computation.

D. Construction of stormwater management facilities or modifications to channels shall comply with all applicable laws and regulations. Evidence of approval of all necessary permits shall be presented.

E. Impounding structures that are not covered by the Impounding Structure Regulations (4 VAC 50-20-10 et seq.) shall be engineered for structural integrity during the 100-year storm event.

F. Pre-development and post-development runoff rates shall be verified by calculations that are consistent with good engineering practices.

G. Outflows from a stormwater management facility shall be discharged to an adequate channel, and velocity dissipators shall be placed at the outfall of all stormwater management facilities and along the length of any outfall channel as necessary to provide a nonerosive velocity of flow from the basin to a channel.

H. Proposed residential, commercial, or industrial subdivisions shall apply these stormwater management criteria to the land development as a whole. Individual lots in new subdivisions shall not be considered separate land development projects, but rather the entire subdivision shall be considered a single land development project. Hydrologic parameters shall reflect the ultimate land development

and shall be used in all engineering calculations.

I. All stormwater management facilities shall have a maintenance plan which identifies the owner and the responsible party for carrying out the maintenance plan.

J. Construction of stormwater management impoundment structures within a Federal Emergency Management Agency (FEMA) designated 100-year floodplain shall be avoided to the extent possible. When this is unavoidable, all stormwater management facility construction shall be in compliance with all applicable regulations under the National Flood Insurance Program, 44 CFR Part 59.

K. Natural channel characteristics shall be preserved to the maximum extent practicable.

L. Land development projects shall comply with the Virginia Erosion and Sediment Control Act and attendant regulations.

4 VAC 3-20-71. Water quality.

A. Compliance with the water quality criteria may be achieved by applying the performance-based criteria or the technology-based criteria to either the site or a planning area.

B. Performance-based criteria. For land development, the calculated post-development nonpoint source pollutant runoff load shall be compared to the calculated pre-development load based upon the average land cover condition or the existing site condition. A BMP shall be located, designed, and maintained to achieve the target pollutant removal efficiencies specified in Table 1 to effectively reduce the pollutant load to the required level based upon the following four applicable land development situations for which the performance criteria apply:

1. Situation 1 consists of land development where the existing percent impervious cover is less than or equal to the average land cover condition and the proposed improvements will create a total percent impervious cover which is less than the average land cover condition.

Requirement: No reduction in the after development pollutant discharge is required.

2. Situation 2 consists of land development where the existing percent impervious cover is less than or equal to the average land cover condition and the proposed improvements will create a total percent impervious cover which is greater than the average land cover condition.

Requirement: The pollutant discharge after development shall not exceed the existing pollutant discharge based on the average land cover condition.

3. Situation 3 consists of land development where the existing percent impervious cover is greater than the average land cover condition.

Requirement: The pollutant discharge after development shall not exceed (i) the pollutant discharge based on existing conditions less 10% or (ii) the pollutant discharge based on the

average land cover condition, whichever is greater.

4. Situation 4 consists of land development where the existing percent impervious cover is served by an existing stormwater management BMP that addresses water quality.

Requirement: The pollutant discharge after development shall not exceed the existing pollutant discharge based on the existing percent impervious cover while served by the existing BMP. The existing BMP shall be shown to have been designed and constructed in accordance with proper design standards and specifications, and to be in proper functioning condition.

C. Technology-based criteria. For land development, the post-developed stormwater runoff from the impervious cover shall be treated by an appropriate BMP as required by the post-developed condition percent impervious cover as specified in Table 1. The selected BMP shall be located, designed, and maintained to perform at the target pollutant removal efficiency specified in Table 1. Design standards and specifications for the BMPs in Table 1 which meet the required target pollutant removal efficiency will be available at the department.

Table 1*

| Water Quality BMP | Target Phosphorus Removal Efficiency | Percent Impervious Cover |
|---|--------------------------------------|--------------------------|
| Vegetated filter strip | 10% | 16-21% |
| Grassed swale | 15% | |
| Constructed wetlands | 30% | 22 -37% |
| Extended detention (2 x WQ Vol) | 35% | |
| Retention basin I (3 x WQ Vol) | 40% | |
| Bioretention basin | 50% | 38 -66% |
| Bioretention filter | 50% | |
| Extended detention-enhanced | 50% | |
| Retention basin II (4 x WQ Vol) | 50% | |
| Infiltration (1 x WQ Vol) | 50% | |
| Sand filter | 65% | 67 -100% |
| Infiltration (2 x WQ Vol) | 65% | |
| Retention basin III (4 x WQ Vol with aquatic bench) | 65% | |

* Innovative or alternate BMPs not included in this table may be allowed at the discretion of the local program administrator or the Department. Innovative or alternate BMPs not included in this table which target appropriate nonpoint source pollution other than phosphorous may be allowed at the discretion of the local program administrator or the Department.

4 VAC 3-20-81. Stream channel erosion.

A. Properties and receiving waterways downstream of any land development project shall be protected from erosion and damage due to increases in volume, velocity and peak flow rate of stormwater runoff in accordance with the minimum design standards set out in this section.

B. The plan approving authority shall require compliance with subdivision 19 of 4 VAC 50-30-40 of the Erosion and Sediment Control Regulations, promulgated pursuant to Article 4 (§ 10.1-560 et seq.) of Chapter 5 of Title 10.1 of the Code of Virginia.

C. The plan approving authority may determine that some watersheds or receiving stream systems require enhanced criteria in order to address the increased frequency of bankfull flow conditions brought on by land development projects. Therefore, in lieu of the reduction of the 2-year post-developed peak rate of runoff as required in subsection B of this section, the land development project being considered shall provide 24-hour extended detention of the runoff generated by the 1-year, 24-hour duration storm.

D. In addition to subsections B and C of this section, localities may, by ordinance, adopt more stringent channel analysis criteria or design standards to ensure that the natural level of channel erosion, to the maximum extent practicable, will not increase due to the land development projects. These criteria may include, but are not limited to, the following:

1. Criteria and procedures for channel analysis and classification.
2. Procedures for channel data collection.
3. Criteria and procedures for the determination of the magnitude and frequency of natural sediment transport loads.
4. Criteria for the selection of proposed natural or man-made channel linings.

4 VAC 3-20-85. Flooding.

A. Downstream properties and waterways shall be protected from damages from localized flooding due to increases in volume, velocity and peak flow rate of stormwater runoff in accordance with the minimum design standards set out in this section.

B. The 10-year post-developed peak rate of runoff from the development site shall not exceed the 10-year pre-developed peak rate of runoff.

C. In lieu of subsection B of this section, localities may, by ordinance, adopt alternate design criteria based upon geographic, land use, topographic, geologic factors or other downstream conveyance factors as appropriate.

D. Linear development projects shall not be required to control post-developed stormwater runoff for

flooding, except in accordance with a watershed or regional stormwater management plan.

4 VAC 3-20-86. Regional (watershed-wide) stormwater management plans.

This section enables localities to develop regional stormwater management plans. State agencies intending to develop large tracts of land such as campuses or prison compounds are encouraged to develop regional plans where practical.

The objective of a regional stormwater management plan is to address the stormwater management concerns in a given watershed with greater economy and efficiency by installing regional stormwater management facilities versus individual, site-specific facilities. The result will be fewer stormwater management facilities to design, build and maintain in the affected watershed. It is also anticipated that regional stormwater management facilities will not only help mitigate the impacts of new development, but may also provide for the remediation of erosion, flooding or water quality problems caused by existing development within the given watershed.

If developed, a regional plan shall, at a minimum, address the following:

1. The specific stormwater management issues within the targeted watersheds.
2. The technical criteria in 4 VAC 3-20-50 through 4 VAC 3-20-85 as needed based on subdivision 1 of this section.
3. The implications of any local comprehensive plans, zoning requirements and other planning documents.
4. Opportunities for financing a watershed plan through cost sharing with neighboring agencies or localities, implementation of regional stormwater utility fees, etc.
5. Maintenance of the selected stormwater management facilities.
6. Future expansion of the selected stormwater management facilities in the event that development exceeds the anticipated level.

PART III. LOCAL PROGRAMS.

4 VAC 3-20-90. Applicability.

This part specifies technical criteria, minimum ordinance requirements, and administrative procedures for all localities operating local stormwater management programs.

4 VAC 3-20-101. Technical criteria for local programs.

A. All local stormwater management programs shall comply with the general technical criteria as outlined in 4 VAC 3-20-60.

B. All local stormwater management programs which contain provisions for stormwater runoff quality shall comply with 4 VAC 3-20-71. A locality may establish criteria for selecting either the site or a planning area on which to apply the water quality criteria. A locality may opt to calculate actual watershed specific or locality wide values for the average land cover condition based upon:

1. Existing land use data at time of local Chesapeake Bay Preservation Act Program or Department storm water management program adoption, whichever was adopted first,
2. Watershed or locality size, and
3. Determination of equivalent values of impervious cover for nonurban land uses which contribute nonpoint source pollution, such as agriculture, forest, etc.

C. All local stormwater management programs which contain provisions for stream channel erosion shall comply with 4 VAC 3-20-81.

D. All local stormwater management programs must contain provisions for flooding and shall comply with 4 VAC 3-20-85.

E. All local stormwater management programs which contain provisions for watershed or regional stormwater management plans shall comply with 4 VAC 3-20-101.

F. A locality that has adopted more stringent requirements or implemented a regional (watershed-wide) stormwater management plan may request, in writing, that the department consider these requirements in its review of state projects within that locality.

G. Nothing in this part shall be construed as authorizing a locality to regulate, or to require prior approval by the locality for, a state project.

4 VAC 3-20-111. Requirements for local program and ordinance.

A. At a minimum, the local stormwater management program and implementing ordinance shall meet the following:

1. The ordinance shall identify the plan-approving authority and other positions of authority within the program, and shall include the regulations and technical criteria to be used in the program.
2. The ordinance shall include procedures for submission and approval of plans, issuance of permits, monitoring and inspections of land development projects. The party responsible for conducting inspections shall be identified. The local program authority shall maintain, either on-site or in local program files, a copy of the approved plan and a record of all inspections for each land

development project.

B. The department shall periodically review each locality's stormwater management program, implementing ordinance, and amendments. Subsequent to this review, the department shall determine if the program and ordinance are consistent with the state stormwater management regulations and notify the locality of its findings. To the maximum extent practicable the department will coordinate the reviews with other local government program reviews to avoid redundancy. The review of a local program shall consist of the following:

1. A personal interview between department staff and the local program administrator or his designee;
2. A review of the local ordinance and other applicable documents;
3. A review of plans approved by the locality and consistency of application;
4. An inspection of regulated activities; and
5. A review of enforcement actions.

C. Nothing in this chapter shall be construed as limiting the rights of other federal and state agencies from imposing stricter technical criteria or other requirements as allowed by law.

4 VAC 3-20-121. Administrative procedures: stormwater management plans.

A. Localities shall approve or disapprove stormwater management plans according to the following:

1. A maximum of 60 calendar days from the day a complete stormwater management plan is accepted for review will be allowed for the review of the plan. During the 60-day review period, the locality shall either approve or disapprove the plan and communicate its decision to the applicant in writing. Approval or denial shall be based on the plan's compliance with the locality's stormwater management program.
2. A disapproval of a plan shall contain the reasons for disapproval.

B. Each plan approved by a locality shall be subject to the following conditions:

1. The applicant shall comply with all applicable requirements of the approved plan, the local program, this chapter and the Act, and shall certify that all land clearing, construction, land development and drainage will be done according to the approved plan.
2. The land development project shall be conducted only within the area specified in the approved plan.
3. The locality shall be allowed, after giving notice to the owner, occupier or operator of the land development project, to conduct periodic inspections of the project.

4. The person responsible for implementing the approved plan shall conduct monitoring and submit reports as the locality may require to ensure compliance with the approved plan and to determine whether the plan provides effective stormwater management.
5. No changes may be made to an approved plan without review and written approval by the locality.

4 VAC 3-20-131. Administrative procedures: exceptions.

A. A request for an exception shall be submitted, in writing, to the locality. An exception from the stormwater management regulations may be granted, provided that: (i) exceptions to the criteria are the minimum necessary to afford relief and (ii) reasonable and appropriate conditions shall be imposed as necessary upon any exception granted so that the intent of the Act and this chapter are preserved.

B. Economic hardship is not sufficient reason to grant an exception from the requirements of this chapter.

4 VAC 3-20-141. Administrative procedures: maintenance and inspections.

A. Responsibility for the operation and maintenance of stormwater management facilities, unless assumed by a governmental agency, shall remain with the property owner and shall pass to any successor or owner. If portions of the land are to be sold, legally binding arrangements shall be made to pass the basic responsibility to successors in title. These arrangements shall designate for each project the property owner, governmental agency, or other legally established entity to be permanently responsible for maintenance.

B. In the case of developments where lots are to be sold, permanent arrangements satisfactory to the locality shall be made to ensure continued performance of this chapter.

C. A schedule of maintenance inspections shall be incorporated into the local ordinance. Ordinances shall provide that in cases where maintenance or repair is neglected, or the stormwater management facility becomes a danger to public health or safety, the locality has the authority to perform the work and to recover the costs from the owner.

D. Localities may require right-of-entry agreements or easements from the applicant for purposes of inspection and maintenance.

E. Periodic inspections are required for all stormwater management facilities. Localities shall either:

1. Provide for inspection of stormwater management facilities on an annual basis; or
2. Establish an alternative inspection program which ensures that stormwater management facilities are functioning as intended. Any alternative inspection program shall be:
 - a. Established in writing;

- b. Based on a system of priorities that, at a minimum, considers the purpose of the facility, the contributing drainage area, and downstream conditions; and
 - c. Documented by inspection records.
- F. During construction of the stormwater management facilities, localities shall make inspections on a regular basis.
- G. Inspection reports shall be maintained as part of a land development project file.

PART IV. STATE PROJECTS.

4 VAC 3-20-210. Technical criteria and plan requirements for state projects.

- A. This part specifies technical criteria and administrative procedures for all state projects.
- B. Stormwater management plans prepared for state projects shall comply with the technical criteria outlined in Part II (4 VAC 3-20-50 et seq.) of this chapter and, to the maximum extent practicable, any local stormwater management program technical requirements adopted pursuant to the Act. It shall be the responsibility of the state agency to demonstrate that the local program technical requirements are not practical for the project under consideration.
- C. The department may establish criteria for selecting either the site or a planning area on which to apply the water quality criteria.
- D. As a minimum, stormwater management plans and computations shall contain the following:
1. The location and the design of the proposed stormwater management facilities.
 2. Overall site plan with pre-developed and post-developed condition drainage area maps.
 3. Comprehensive hydrologic and hydraulic computations of the pre-development and post-development runoff conditions for the required design storms, considered individually.
 4. Calculations verifying compliance with the water quality requirements.
 5. A description of the requirements for maintenance of the stormwater management facilities and a recommended schedule of inspection and maintenance.
 6. The identification of a person or persons who will be responsible for maintenance.
 7. All stormwater management plans shall be appropriately sealed and signed by a professional in adherence to all minimum standards and requirements pertaining to the practice of that profession

in accordance with Chapter 4 (§ 54.1-400 et seq.) of Title 54.1 of the Code of Virginia and attendant regulations.

4 VAC 3-20-220. Requirements for stormwater management annual standards and specifications.

A. A request for approval of stormwater management standards and specifications may be submitted to the department by a state agency on an annual basis. At a minimum, the following certifications shall accompany the request:

1. Individual stormwater management plans shall be prepared for each of the state projects.
2. The stormwater management plans shall comply with the technical criteria as outlined in Part II (4 VAC 3-20-50 et seq.) of this chapter and, to the maximum extent practicable, any local stormwater management program technical requirements adopted pursuant to the Stormwater Management Act. It shall be the responsibility of the state agency to demonstrate that the local program technical requirements are not practical for the project under consideration.
3. An inspection and maintenance schedule shall be developed and implemented.

B. Copies of such stormwater management specifications and standards including, but not limited to, design manuals, technical guides and handbooks, shall be submitted.

VAC 3-20-230. Administrative procedures: stormwater management plans.

A. Within 30 days after receipt of a complete stormwater management plan submitted by a state agency, the department shall approve or disapprove the plan.

1. The department shall transmit its decision in writing to the state agency which submitted the plan.
2. Disapproved plans shall be revised and resubmitted to the department.

B. Approval of a stormwater management plan for a state project shall be subject to the following conditions:

1. The state agency shall comply with all applicable requirements of the approved plan and this chapter, and shall certify that all land clearing, construction, land development, and drainage will be done according to the approved plan.
2. The land development shall be conducted only within the area specified in the approved plan.
3. No changes may be made to an approved plan without review and written approval by the department.
4. The department shall be notified one week prior to the pre-construction meeting and one week prior to the commencement of land disturbing activity.

5. The department shall conduct periodic inspections of the project to ensure compliance with the plan.

6. The department may require monitoring and reports from the state agency responsible for implementing the plan to ensure compliance with the plan and to determine if the measures required in the plan provide effective stormwater management.

C. Compliance with approved plans shall be subject to the following conditions:

1. Where inspections by department personnel reveal deficiencies in carrying out an approved plan, the responsible state agency shall be issued a notice to comply, with corrective actions specified and the deadline within which the work shall be performed.

2. Whenever the Commonwealth or any of its agencies fail to comply within the time provided in a notice to comply, the director may petition the secretary of a given secretariat or an agency head for a given state agency for compliance. Where the petition does not achieve timely compliance, the director shall bring the matter to the Governor for resolution.

3. Where compliance will require the appropriation of funds, the director shall cooperate with the appropriate agency head in seeking such an appropriation; where the director determines that an emergency exists, he shall petition the Governor for funds from the Civil Contingency Fund or other appropriate source.

4 VAC 3-20-241. Administrative procedures: exceptions.

A. A request for an exception shall be submitted, in writing, to the department. An exception from the stormwater management regulations may be granted, provided that: (i) exceptions to the criteria are the minimum necessary to afford relief and (ii) reasonable and appropriate conditions shall be imposed as necessary upon any exception granted so that the purpose and intent of the Act is preserved.

B. Economic hardship is not sufficient reason to grant an exception from the requirements of this chapter.

4 VAC 3-20-245. Administrative procedures: maintenance and inspections.

A. Responsibility for the operation and maintenance of stormwater management facilities shall remain with the state agency and shall pass to any successor or owner. If portions of the land are to be sold, legally binding arrangements shall be made to pass the basic responsibility to successors in title. These arrangements shall designate for each state project the property owner, governmental agency, or other legally established entity to be permanently responsible for maintenance.

B. At a minimum, a stormwater management facility shall be inspected on an annual basis and after any storm which causes the capacity of the facility principal spillway to be exceeded.

C. During construction of the stormwater management facilities, the department shall make inspections on a regular basis.

D. Inspection reports shall be maintained as part of the land development project file.

PART V.
REPORTING.

4 VAC 3-20-251. Reporting on stormwater management.

The department is required to report to the General Assembly on the extent to which stormwater management programs have reduced nonpoint source pollution to the Commonwealth's waters and mitigated the effects of localized flooding. In order to complete this report, localities with stormwater management programs and state agencies may be asked to voluntarily submit an annual report to the department. Such a request may suggest reporting of data on the number and types of stormwater management facilities installed in the preceding year, the drainage area or watershed size served, the receiving stream or hydrologic unit, a summary of monitoring data, if any, and other data useful in determining the effectiveness of the programs and BMP technologies in current use.

COMMONWEALTH of VIRGINIA

Virginia Stormwater Management Law

2001

Department of Conservation and Recreation
Division of Soil and Water Conservation
203 Governor Street, Suite 206
Richmond, VA 23219-2094

Phone (804) 786-2064



Department of Conservation & Recreation

CONSERVING VIRGINIA'S NATURAL AND RECREATIONAL RESOURCES

2VH076

INDEX

STORMWATER MANAGEMENT LAW

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The following is the complete, edited text of Title 10.1, Chapter 6, Article 1.1 of the Code of Virginia as amended through 2000. Please refer to the Code of Virginia for an official copy of the Law.

§ 10.1-603.1. Cooperative state-local program.

The General Assembly has determined that the lands and waters of the Commonwealth are great natural resources; that as a result of intensive land development and other land use conversions, degradation of these resources frequently occurs in the form of water pollution, stream channel erosion, depletion of groundwater resources, and more frequent localized flooding; that these impacts adversely affect fish, aquatic life, recreation, shipping, property values and other uses of lands and waters; that existing authorities under the Code of Virginia do not adequately address all of these impacts. Therefore the General Assembly finds it in the public interest to enable the establishment of stormwater management programs.

§ 10.1-603.2. Definitions.

As used in this article, unless the context requires a different meaning:

"Applicant" means any person submitting a stormwater management plan for approval.

"Board" means the Board of Conservation and Recreation.

"Department" means the Department of Conservation and Recreation.

"Flooding" means a volume of water which is too great to be confined within the banks or walls of the stream, water body or conveyance system and which overflows onto adjacent lands, causing or threatening damage.

"Land development" or *"land development project"* means a manmade change to the land surface that potentially changes its runoff characteristics.

"Linear development project" means a land development project that is linear in nature such as, but not limited to, (i) the construction of electric and telephone utility lines, and natural gas pipelines; (ii) construction of tracks, rights-of-way, bridges, communication facilities and other related structures of a railroad company; and (iii) highway construction projects.

"Local stormwater management program" or *"local program"* means a statement of the various methods employed by a locality to manage the runoff from land development projects and may include such items as local ordinances, policies and guidelines, technical materials, inspection, enforcement, and evaluation.

"Nonpoint source pollution" means pollution whose sources cannot be pinpointed but rather is washed from the land surface in a diffuse manner by stormwater runoff.

"Runoff" means that portion of precipitation that is discharged across the land surface or through conveyances to one or more waterways.

"Stormwater management plan" or *"plan"* means a document containing material for describing how existing runoff characteristics will be maintained by a land development project.

"Subdivision" means the same as defined in §15.1-465.

"Watershed" means a defined land area drained by a river or stream or system of connecting rivers or streams such that all surface water within the area flows through a single outlet.

§ 10.1-603.3. Counties, cities and towns may by ordinance establish stormwater management programs as a local option; effective date

Each locality may, by ordinance, to be effective on or after July 1, 1990, establish a local stormwater management program which shall include, but is not limited to, the following:

1. Consistency with regulations promulgated in accordance with provisions of this article;
2. Provisions for long-term responsibility for and maintenance of stormwater management control devices and other techniques specified to manage the quality and quantity of runoff; and
3. Provisions for the integration of locally adopted stormwater management programs with local erosion and sediment control, flood insurance, flood plain management and other programs requiring compliance prior to authorizing construction in order to make the submission and approval of plans, issuance of permits, payment of fees, and coordination of inspection and enforcement activities more convenient and efficient both for the local governments and those responsible for compliance with the programs.

§ 10.1-603.4. Development of regulations.

The Board is authorized to promulgate regulations which specify minimum technical criteria and administrative procedures for stormwater management programs in Virginia. In order to inhibit the deterioration of existing waters and waterways, the regulations shall:

1. Require that state and local programs maintain after-development runoff rate of flow, as nearly as practicable, as the pre-development runoff characteristics;

2. Establish minimum design criteria for measures to control nonpoint source pollution and localized flooding, and incorporate the stormwater management regulations promulgated pursuant to the Virginia Erosion and Sediment Control Law, Article 4 (§10.1-560 et seq.) of Chapter 5 of this title, as they relate to the prevention of stream channel erosion. These criteria shall be periodically modified as required in order to reflect current engineering methods;
3. Require the provision of long-term responsibility for and maintenance of stormwater management control devices and other techniques specified to manage the quality and quantity of runoff; and
4. Require as a minimum the inclusion in local programs of certain administrative procedures which include, but are not limited to, specifying the time period within which a local government which has adopted a stormwater management program must grant written approval of a plan, the conditions under which approval shall be granted, the procedures for communicating disapproval, the conditions under which an approved plan may be changed and requirements for inspection of approved projects.

§ 10.1-603.5. State agency projects.

A. After January 1, 1991, a state agency may not undertake any land clearing, soil movement, or construction activity involving soil movement or land development unless the agency has submitted and obtained approval of a stormwater management plan from the Department. In lieu of such a plan, the agency may annually submit stormwater management standards and specifications.

B. Notwithstanding the provisions of this article, all state agencies shall comply with the stormwater management provisions of the Erosion and Sediment Control Law, Article 4 (§10.1-560 et seq.) of Chapter 5 of this title, and related regulations. The Department shall perform random site inspections to assure compliance with this article, the Erosion and Sediment Control Law and regulations promulgated thereunder.

C. The Department shall have thirty days in which to comment on the stormwater management plan, and its recommendations shall be binding on the state agency or the private business hired by the state agency. Individual approval of separate projects is not necessary when annually approved standards and specifications have been approved.

As on-site changes occur, the state agency shall submit changes in the stormwater management plan to the Department.

The state agency responsible for the land-disturbing activity shall ensure compliance with the approved plan or specifications.

§ 10.1-603.6. Involvement of the Department with local programs.

A. The Department shall provide technical assistance, training, research, and coordination in stormwater management technology to the local governments consistent with the purposes of this article.

B. The Department is authorized to review the plan for any project with real or potential interjurisdictional impacts upon the request of one of the involved localities to determine that the plan is consistent with the provisions of this article. Any such review shall be completed and a report submitted to each locality involved within ninety days of such request.

§ 10.1-603.7. Authorization for more stringent regulations.

Localities are authorized to adopt more stringent stormwater management regulations than those necessary to ensure compliance with the Board's minimum regulations, with the exception of regulations related to plan approval, provided that the more stringent regulations are based upon the findings of local comprehensive watershed management studies and that prior to adopting more stringent regulations a public hearing is held after giving due notice.

§ 10.1-603.8. Regulated activities; submission and approval of a control plan; security for performance; exemptions.

A. Except as provided in §10.1-603.5, after the adoption of a local ordinance, a person shall not develop any land for residential, commercial, industrial, or institutional use in that locality until he has submitted a stormwater management plan to the locality that has jurisdiction and has obtained approval of the plan from that locality. The plan may include appropriate maps, mathematical calculations, detail drawings and a listing of all major decisions to assure that the entire unit or units of land will be so treated to achieve the objectives of the local program. Prior to issuance of any permit, the locality may also require an applicant to submit a reasonable performance bond with surety, cash escrow, letter of credit, any combination thereof, or such other legal arrangement acceptable to the locality, to ensure that measures could be taken by the locality at the applicant's expense should he fail, after proper notice, within the time specified to initiate or maintain appropriate actions which may be required of him by the approved stormwater management plan as a result of his land-development project. If the locality takes such action upon such failure by the applicant, the agency may collect from the applicant for the difference should the amount of the reasonable cost of such action exceed the amount of the security held. Within sixty days of the completion of the requirements of the approved stormwater management plan, such bond, cash escrow, letter of credit or other legal arrangement, or the unexpended or unobligated portion thereof, shall be refunded to the applicant or terminated. These requirements are in addition to all other provisions of law relating to the issuance of such plans and are not intended to otherwise affect the requirements for such plans.

B. Notwithstanding any other provisions of this article, the following activities are exempt:

1. Permitted surface or deep mining operations and projects, or oil and gas operations and projects conducted under the provisions of Title 45.1;
2. Tilling, planting or harvesting of agricultural, horticultural, or forest crops;
3. Single-family residences separately built and not part of a subdivision, including additions or modifications to existing single-family detached residential structures;
4. Land development projects that disturb less than one acre of land area; however, the governing body of a locality which has adopted a stormwater management program may reduce this exception to a smaller area of disturbed land or qualify the conditions under which this exception shall apply; and
5. Linear development projects, provided that (i) less than one acre of land will be disturbed per outfall or watershed, (ii) there will be insignificant increases in peak flow rates, and (iii) there are no existing or anticipated flooding or erosion problems downstream of the discharge point.

§ 10.1-603.9. Approved plan required for issuance of grading, building, or other permits.

Upon the adoption of a local ordinance no grading, building or other permit shall be issued for a property unless a stormwater management plan has been approved that is consistent with the local program and this article and unless the applicant has certified that all land clearing, construction, land development and drainage will be done according to the approved plan.

§ 10.1-603.10. Recovery of administrative costs.

Any locality which administers a stormwater management program may charge applicants a reasonable fee to defray the cost of program administration, including costs associated with plan review, issuance of permits, periodic inspection for compliance with approved plans, and necessary enforcement, provided that charges for such costs are not made under any other law, ordinance or program. The fee shall not exceed an amount commensurate with the services rendered and expenses incurred or \$1,000, whichever is less.

§ 10.1-603.11. Monitoring, reports and inspections.

A. The plan-approving authority or, if a permit is issued in connection with land-disturbing activities which involve the issuance of a grading, building, or other permit, the permit-issuing authority (i) shall provide for periodic inspections of the installation of stormwater management measures and (ii) may require monitoring and reports from the person responsible for carrying out the plan, to ensure

compliance with the approved plan and to determine whether the measures required in the plan provide effective stormwater management. The owner, occupier or operator shall be given notice of the inspection and an opportunity to accompany the inspectors. If the permit-issuing authority or plan-approving authority determines that there is a failure to comply with the plan, notice shall be served upon the permittee or person responsible for carrying out the plan by registered or certified mail to the address specified in the permit application or in the plan certification, or by delivery at the site of the development activities to the agent or employee supervising such activities. Where the plan-approving authority serves notice, a copy of the notice shall also be sent to the issuer of the permit. The notice shall specify the measures needed to comply with the plan and shall specify the time within which such measures shall be completed. Upon failure to comply within the time specified, the permit may be revoked and the permittee or person responsible for carrying out the plan shall be deemed to be in violation of this article and upon conviction shall be subject to the penalties provided by §10.1-603.14.

B. Notwithstanding subsection A of this section, the following may be applied:

1. Where a county, city, or town administers the local control program and the permit-issuing authority and the plan-approving authority are not within the same local government department, the locality may designate one department to inspect, monitor, report and ensure compliance.
2. Where a permit-issuing authority has been established, and such authority is not vested in an employee or officer of local government but in the commissioner of revenue or some other person, the locality shall exercise the responsibilities of the permit-issuing authority with respect to monitoring, reports, inspections, and enforcement unless such responsibilities are transferred as provided for in this section.

§ 10.1-603.12. Department to review local and state agency programs.

A. The Department shall periodically conduct a comprehensive review and evaluation of the effectiveness of each local government's and state agency's stormwater management program. The review shall include an assessment of the extent to which the program has reduced nonpoint source pollution and mitigated the detrimental effects of localized flooding. A summary of these reviews and evaluations shall be submitted annually to the General Assembly.

B. If, after such a review and evaluation, a local government is found to have a program which does not comply with the provisions of this article or regulations promulgated thereunder, the Department may issue an order requiring that necessary corrective action be taken within a reasonably prescribed time.

§ 10.1-603.13. Appeals of decisions of counties, cities or towns.

A. An appeal from a decision of a locality concerning an application for approval or disapproval of a stormwater management plan may be taken by the applicant, or any aggrieved party authorized by law, within thirty days after the rendering of such a decision of the locality, to the circuit court of the jurisdiction in which the land development project is located.

B. Judicial review shall be on the record previously established and shall otherwise be in accordance with the provisions of the Administrative Process Act (§9-6.14:1 et seq.).

§ 10.1-603.14. Penalties, injunctions and other legal actions.

Any person who violates any provision of a local ordinance or program adopted pursuant to the authority of this article shall be guilty of a misdemeanor and shall be subject to a fine not exceeding \$1,000 or up to thirty days imprisonment for each violation or both. Such a local ordinance may also include the following sanctions:

1. A locality operating its own program may apply to the circuit court in any jurisdiction wherein the land lies to enjoin a violation or a threatened violation of the provisions of this article or of the local ordinance without the necessity of showing that an adequate remedy at law does not exist.
2. Without limiting the remedies which may be obtained in this section, a locality operating its own program may bring a civil action against any person for violation of any ordinance or any condition of a permit, or any provision of a local program adopted pursuant to this article. The action may seek the imposition of a civil penalty of not more than \$2,000 against the person for each violation.
3. With the consent of any person who has violated or failed, neglected or refused to obey any ordinance or any condition of a permit or any provision of a local program adopted pursuant to this article, the administrator of the local program may provide, in an order issued by the administrator against such person, for the payment of civil charges for violations in specific sums, not to exceed the limit specified in subdivision 2 of this section. Such civil charges shall be instead of any appropriate civil penalty which could be imposed under subdivision 2.

§ 10.1-603.15. Cooperation with federal and state agencies.

Localities operating their own programs and the Department are authorized to cooperate and enter into agreements with any federal or state agency in connection with plans for stormwater management.

Record of Land Disturbance

2VH095

SWPPP Record of Land Disturbance

[illegible]

SWPPP Record of Land Disturbance

[illegible]

2VH097

SWPPP Record of Land Disturbance

[illegible]

Record of Inspections

2VH100

SWPPP Record of Site Inspection
 (Attach as many sheets as necessary, including maps)

| Location | Control Measure | | | | Comments |
|----------|-----------------|-----------------------------------|-----------------------------------|--|----------|
| | Type | Maintenance Required Yes/No | Additional BMP Req'd Yes/No | Incident of Non- Compliance Yes/No | |
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Name: _____

Title: _____

Date: _____

Signature: _____

Rain Event: _____

Project: _____

SWPPP Record of Site Inspection
 (Attach as many sheets as necessary, including maps)

| Location | Control Measure | | | | Comments |
|----------|-----------------|-----------------------------------|-----------------------------------|--|----------|
| | Type | Maintenance Required Yes/No | Additional BMP Req'd Yes/No | Incident of Non- Compliance Yes/No | |
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Signature: _____

Rain Event: _____

Project: _____

SWPPP Record of Site Inspection
 (Attach as many sheets as necessary, including maps)

| Location | Control Measure | | | | Comments |
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| | Type | Maintenance Required Yes/No | Additional BMP Req'd Yes/No | Incident of Non- Compliance Yes/No | |
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| Name: _____ Title: _____ Date: _____ Signature: _____ Rain Event: _____ Project: _____ | | | | | |

SWPPP Record of Site Inspection
 (Attach as many sheets as necessary, including maps)

| Location | Control Measure | | | | Comments |
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| | Type | Maintenance Required Yes/No | Additional BMP Req'd Yes/No | Incident of Non- Compliance Yes/No | |
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Date: _____

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Rain Event: _____

Project: _____

SWPPP Record of Site Inspection
 (Attach as many sheets as necessary, including maps)

| Location | Control Measure | | | | Comments |
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| | Type | Maintenance Required Yes/No | Additional BMP Req'd Yes/No | Incident of Non- Compliance Yes/No | |
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Name: _____ Title: _____ Date: _____
 Signature: _____ Rain Event: _____ Project: _____

SWPPP Record of Site Inspection
 (Attach as many sheets as necessary, including maps)

| Location | Control Measure | | | | Comments |
|----------|-----------------|-----------------------------------|-----------------------------------|--|----------|
| | Type | Maintenance Required Yes/No | Additional BMP Req'd Yes/No | Incident of Non- Compliance Yes/No | |
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Name: _____

Title: _____

Date: _____

Signature: _____

Rain Event: _____

Project: _____

EROSION & SEDIMENT CONTROL

INSPECTION REPORT

Project Name: **VINT HILL LANDBAY "G"** File No. _____
 Inspection Date: **11-21-05** Time: **11:00 AM** Inspected by: **Kerry Wharton**

STAGE OF CONSTRUCTION

Pre-construction Conference Rough Grading/Utilities
 Clearing and Grubbing Road Prep/Paving

| *State Regulation (section) | <input type="checkbox"/> if repeat violation | Problem location & description |
|-----------------------------|--|--------------------------------|
| | | See below |

Post-it/Fax Note 7671 Date **11/21/05** # of pages **1**

To **George/Tommy** From **Kerry Wharton**
 Co./Dept. _____ Co. **JMS/CD**
 Phone # _____ Phone # _____
 Fax # **349-7269** Fax # _____

Violations: Inlet protection that is replaced, needs to be installed per spec.

- MS-11 Clean sediment at outlet behind lot 100
- MS-1 Stabilize sediment runoff behind silt fence behind lot 100
- MS-17 Clean sediment off road in front of lot 92
- MS-10 Inlet in front of lot 71 & 72 need to be replaced (**Repeat**)
- MS-17 Cul-de-sac in front of lot 71 & 72 need to be cleaned (**Repeat**)
- MS-10 Outlet behind lot 71 needs to be cleaned out, full with sediment (**Repeat**)

| Miller & Smith, MS-4 for silt fence, MS-17 for construction entrances | | | | | | |
|---|----------------------------------|-------------------|------------------------|-------------------|-----------|------------|
| Lot # | Silt Fence | Repeat Violations | Construction Entrance | Repeat Violations | Stop Work | Notes |
| 1 | Re-enforce silt fence in back | | | | | |
| 12 | Extend silt fence in left corner | | | | | |
| 54 | | | | | | |
| 55 | | | | | | |
| 7 | | | | | | CE-Asphalt |
| 8 | | | | | | CE-Asphalt |
| 62 | | | | | | |
| 63 | Fix silt fence | | | | | |
| 64 | Fix silt fence | | | | | |
| 65 | | | | | | |
| 66 | | | | | | |
| 67 | Repair silt fence | X | Add stone | | | |
| 68 | Repair silt fence | X | | | | |
| 69 | Repair silt fence | X | | | | |
| 70 | Repair silt fence | X | | | | |
| 71 | Repair silt fence | X | | | | |
| 72 | Repair silt fence | X | Add stone or barricade | | | |
| 73 | Repair silt fence behind lot | | | | | |
| 74 | | | Add stone | | | |
| 76 | Install perimeter silt fence | | | | | |
| 92 | Re-enforce silt fence | | Add stone | | | |
| 100 | | | Install CE | | | |

Verbal notification given to:

Completion deadlines: 12/5/05

Report prepared by: Kerry Wharton

Written notification given to:

Vint Hill EDA
 Dave Simons, Miller & Smith
 George Rosenberger, K. Hovnanian

From the desk of...
 Kerry Wharton
 E&S Control Specialist
 John Marshall SWCD
 98 Alexandra Pike, Suite 31
 Warrenton, VA 20185

(540) 347-3120 ext 3
 Fax: (540) 349 0878

2VH107

EROSION & SEDIMENT CONTROL

INSPECTION REPORT

Project Name: **VINT HILL LANDBAY "G"**

File No.

Inspection Date: **11-8-05**

Time: **1:55 PM**

Inspected by: **Kerry Wharton**

STAGE OF CONSTRUCTION

Pre-construction Conference Rough Grading/Utilities

Clearing and Grubbing Road Prep/Paving

| *State Regulation (section) | <input type="checkbox"/> if repeat violation | Problem location & description |
|-----------------------------|--|--------------------------------|
| | | See below |

| | | | | | |
|------------------|--------------|---------|---------------|------------|---|
| Post-It Fax Note | 7671 | Date | 11/9/05 | # of pages | 1 |
| To | George/Tommy | From | Kerry Wharton | | |
| Co./Dept | | Co | JMSWCD | | |
| Phone # | | Phone # | | | |
| Fax # | 349-7269 | Fax # | | | |

Violations:

- MS-10 Inlet in front of lot 71 & 72 need to be replaced
- MS-17 Cul-de-sac in front of lot 71 & 72 need to be cleaned
- MS-10 Outlet behind lot 71 needs to be cleaned out, full with sediment
- MS-10 Install inlet protection on lot 1, curb & gutter and drop inlet

| Miller & Smith, MS-4 for silt fence, MS-17 for construction entrances | | | | | | |
|---|---------------------------|-------------------|-----------------------|-------------------|-----------|------------|
| Lot # | Silt Fence | Repeat Violations | Construction Entrance | Repeat Violations | Stop Work | Notes |
| 1 | Close gap in silt fence | | Install CE | | | |
| 52 | Sod or install silt fence | | | | | |
| 54 | | | | | | |
| 55 | | | | | | |
| 57 | | | | | | CE-Asphalt |
| 58 | | | | | | CE-Asphalt |
| 62 | | | | | | |
| 63 | | | Add stone | | | |
| 64 | | | Add stone | | | |
| 65 | | | | | | |
| 66 | | | | | | |
| 67 | Repair silt fence | | | | | |
| 68 | Repair silt fence | | | | | |
| 69 | Repair silt fence | | | | | |
| 70 | Repair silt fence | | | | | |
| 71 | Repair silt fence | | | | | |
| 72 | Repair silt fence | | | | | |
| 73 | Repair silt fence | | | | | |
| 74 | | | | | | |
| 75 | | | | | | CE-Asphalt |
| 76 | | | | | | |
| 92 | | | | | | |
| 100 | Close gap in silt fence | | Install CE | | | |

Verbal notification given to: **George & Tommy onsite**

Completion deadlines: **11/21/05**

Report prepared by: **Kerry Wharton**

Written notification given to: **Vint Hill EDA**

Dave Simons, Miller & Smith

George Rosenberger, K. Hovnanian

From the desk of
Kerry Wharton
E&S Control Specialist
John Marshall SWCD
98 Alexandria Pike, Suite 31
Warrenton, VA 20186

(540) 347-3120 ext 3
Fax: (540) 349-0878

2VH108

EROSION & SEDIMENT CONTROL

INSPECTION REPORT

Project Name: **VINT HILL LANDBAY "G"**

File No.

Inspection Date: **10-12-05**

Time: **9:30 AM**

Inspected by: **Kerry Wharton**

STAGE OF CONSTRUCTION

Pre-construction Conference

Rough Grading/Utilities

☒ Temporary Stabilization

☒ Finish Grading

Clearing and Grubbing

Road Prep/Paving

☒ Building Construction

☒ Final Stabilization

| *State Regulation (section) | □ if repeat violation | Problem location & description | Corrective action required | Deadline |
|-----------------------------|-----------------------|--------------------------------|----------------------------|----------|
| | | See below | | |

Violations:

- MS-11 Outlet behind lot 52 & 56 needs to be cleaned out
- MS-17 Provide stone access for stockpile areas
- MS-1 Stabilize bare area on lot 77
- MS-11 Clean outlet behind lots 63 & 72
- MS-17 Roadway needs to be cleaned

| Miller & Smith, MS-4 for silt fence, MS-17 for construction entrances | | | | | | |
|---|--------------------------------|-------------------|-----------------------------|-------------------|-----------|------------|
| Lot # | Silt Fence | Repeat Violations | Construction Entrance | Repeat Violations | Stop Work | Notes |
| 35 | Add silt fence | | | | | |
| 38 | Add silt fence on side & front | | Barricade or add stone | | | |
| 49 | | | | | | |
| 52 | Re-enforce silt fence | | | | | |
| 54 | Re-enforce silt fence | | Barricade lot | | | |
| 55 | | | | | | |
| 56 | | | | | | |
| 57 | Re-enforce silt fence | | | | | CE-Asphalt |
| 58 | | | | | | CE-Asphalt |
| 62 | | | | | | |
| 63 | | | | | | |
| 64 | Add stone | | | | | |
| 65 | | | | | | |
| 66 | | | | | | |
| 67 | | | | | | |
| 68 | | | | | | |
| 69 | | | | | | |
| 70 | | | Add more stone or barricade | X | | |
| 71 | Fix silt fence along sidewalk | | Add stone or barricade | | | |
| 72 | Repair silt fence behind lot | X | | | | |
| 73 | | | | | | |
| 74 | | | | | | |
| 75 | | | | | | CE-Asphalt |
| 76 | | | | | | |
| 92 | | | | | | |

Verbal notification given to: **George & Tommy onsite**

Completion deadlines: **10/24/05**

Report prepared by: *Kerry Wharton*
Kerry Wharton

Written notification given to: **Vint Hill EDA**

Dave Simons, Miller & Smith

George Rosenberger, K. Hovnanian

From the desk of...
Kerry Wharton
E&S Control Specialist
John Marshall SWCD
96 Alexandria Pike, Suite 31
Warrenton, VA 20146

(540) 347-3120 ext 3
Fax: (540) 349-0878

REC TUES AM
9-23-05

EROSION & SEDIMENTATION

INSPECTION

| | | | | | |
|------------------|----------|---------|----------------|------------|---|
| Post-It Fax Note | 7671 | Date | 9/23/05 | # of pages | 2 |
| To | George | From | Ken Wagner | | |
| Co/Dept | | Co. | San Bernardino | | |
| Phone # | | Phone # | | | |
| Fax # | 246-7269 | Fax # | | | |

Project Name: **VINT HILL LANDBAY "G"**

Inspection Date: **8-16-05**

Time: **10:30 AM**

STAGE OF CONSTRUCTION

Pre-construction Conference

Rough Grading/Utilities

☒ Temporary Stabilization

☒ Finish Grading

Clearing and Grubbing

Road Prep/Paving

☒ Building Construction

☒ Final Stabilization

| *State Regulation (section) | <input type="checkbox"/> if repeat violation | Problem location & description | Corrective action required | Deadline |
|-----------------------------|--|--------------------------------|----------------------------|----------|
| | | See below | | |

New Violations

- MS-17 Clean sediment off road & curb before flushing streets
- MS-4 Add silt fence behind lot 74 instead of the safety fence
- MS-4 Entrench silt fence behind lots 75-77
- MS-4 Add silt fence on Shugart court below denuded lots
- MS-4 Repair silt fence along curb & gutter on Osborne Drive

Repeat Violations

- MS-17 Clean up sediment at end of cul-de-sac of Osborne Drive and Averbach Court.

Comments:

Miller & Smith, MS-4 for silt fence, MS-17 for construction entrances

| Lot # | Silt Fence | Repeat Violations | Construction Entrance | Repeat Violations | Stop Work | Notes |
|-------|------------------------------|-------------------|-----------------------|-------------------|-----------|------------|
| 35 | Repair silt fence | | | | | |
| 36 | | | | | | |
| 37 | | | Add stone | X | | |
| 38 | Repair silt fence | | | | | |
| 39 | | | | | | |
| 40 | Repair silt fence | | | | | |
| 41 | | | | | | |
| 42 | | | | | | |
| 43 | | | | | | |
| 45 | | | | | | CE-Asphalt |
| 46 | | | | | | |
| 49 | | | | | | |
| 51 | | | | | | |
| 52 | Repair silt fence behind lot | | | | | |
| 53 | | | | | | |
| 54 | | | | | | |
| 55 | | | | | | |
| 56 | | | | | | |
| 57 | | | | | | |
| 58 | | | | | | |
| 59 | | | | | | |
| 60 | | | | | | |
| 61 | | | | | | |
| 62 | | | | | | |
| 63 | | | | | | |
| 64 | | | | | | |
| 65 | | | | | | |
| 66 | | | | | | |
| 67 | | | | | | |
| 68 | | | | | | |

| | | | | | | |
|----|--|--|--|------------------|--|--|
| 69 | | | | | | |
| 70 | | | | | | |
| 71 | | | | | | |
| 72 | | | | | | |
| 73 | | | | | | |
| 74 | | | | | | |
| 75 | | | | Add bigger stone | | |
| 76 | | | | | | |
| 77 | | | | | | |

Verbal notification given to: Talked with George, Tommy, and Dave Simon onsite

Completion deadlines: 8/30/05

Report prepared by: Kerry Wharton
Kerry Wharton

Written notification given to: Vint Hill EDA
Dave Simons, Miller & Smith
George Rosenberger, K. Hovnanian

From the desk of:
Kerry Wharton
E&S Control Specialist
John Marshall SWCD
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Fax: (540) 349-0878

2VH111

EROSION & SEDIMENT CONTROL

INSPECTION REPORT

Project Name: **VINT HILL LANDBAY "G"**

File No.

Inspection Date: **9-28-05**Time: **9:50 AM**Inspected by: **Kerry Wharton**

STAGE OF CONSTRUCTION

Pre-construction Conference

Rough Grading/Utilities

☒ Temporary Stabilization☒ Finish Grading

Clearing and Grubbing

Road Prep/Paving

☒ Building Construction☒ Final Stabilization

| *State Regulation (section) | □ if repeat violation | Problem location & description | Corrective action required | Deadline |
|-----------------------------|-----------------------|--------------------------------|----------------------------|----------|
| | | See below | | |

Comments:

- will continue to monitor vegetation growth in the wetland area behind lot 82

New Violations:

- MS-1 Small disturbed area behind lots 56 & 57 beyond silt fence that needs to be stabilized
- MS-11 Outlet behind lot 52 & 56 needs to be cleaned out
- MS-10 Inlet behind lot 56 needs to be installed properly or be removed. If removed, install what is shown in the site plan. Complaint received on this inlet. Previous reports have asked for this inlet to be installed properly.

Repeat Violations:

- MS-4 Entrench silt fence behind lots 75-77 (stop work order on lot 77)
- MS-1 Small disturbed area behind lots 56 & 57 beyond silt fence that needs to be stabilized
- MS-11 Outlet behind lot 52 & 56 needs to be cleaned out
- MS-18 Once sod has been installed on lots & silt fence is ready to be removed. The disturbance from the silt fence needs to be stabilized. For example, behind lot 53, Silt fence has been removed but not stabilized. Stabilize ASAP.
- MS-17 Provide stone access for stockpile areas
- MS-1 Lots on Shugart court with disturbed areas need to be stabilized ASAP.
- MS-1 Stabilize common areas that have been denuded more than 30 days. Beside lot 45, behind lot 50, 51, and on lots 15 & 16. There are several denuded areas throughout this section G. They all need to be stabilized ASAP.

| Miller & Smith, MS-4 for silt fence, MS-17 for construction entrances | | | | | | |
|---|------------|-------------------|-----------------------|-------------------|-----------|------------|
| Lot # | Silt Fence | Repeat Violations | Construction Entrance | Repeat Violations | Stop Work | Notes |
| 34 | | | | | | |
| 35 | | | | | | |
| 38 | | | | | | |
| 45 | | | | | | CE-Asphalt |
| 49 | | | | | | |
| 50 | | | | | | |
| 52 | | | | | | |
| 53 | | | | | | |
| 54 | | | | | | |
| 55 | | | | | | |
| 56 | Barricade | | | | | |
| 57 | | | | | | CE-Asphalt |
| 58 | | | | | | CE-Asphalt |
| 59 | | | | | | CE-Asphalt |
| 60 | | | | | | CE-Asphalt |
| 61 | | | | | | CE-Asphalt |

EROSION & SEDIMENT CONTROL

INSPECTION REPORT

Project Name: **VINT HILL LANDBAY "G"**

File No.

Inspection Date: **8-31-05**

Time: **10:40 AM**

Inspected by: **Kerry Wharton**

STAGE OF CONSTRUCTION

Pre-construction Conference

Rough Grading/Utilities

☐ Temporary Stabilization

☐ Finish Grading

Clearing and Grubbing

Road Prep/Paving

☐ Building Construction

☐ Final Stabilization

| *State Regulation (section) | Is it repeat violation | Problem location & description | Corrective action required | Deadline |
|-----------------------------|------------------------|--------------------------------|----------------------------|----------|
| | | See below | | |

Comments:

- Wetland area behind lot 82 needs to be graded to its original grades & stabilized immediately.
- Re-install check dam above wetland, check dam needs to stay in place until upslope is stabilized.

Repeat Violations:

- MS-17 Clean sediment off road & curb before flushing streets
- MS-4 Add silt fence behind lot 74 instead of the safety fence
- MS-4 Entrench silt fence behind lots 75-77
- MS-4 Add silt fence on Shugart court below denuded lots
- MS-4 Repair silt fence along curb & gutter on Osborne Drive
- MS-17 Clean up sediment at end of cul-de-sac of Osborne Drive and Averbach Court..

Miller & Smith, MS-4 for silt fence, MS-17 for construction entrances

| Lot # | Silt Fence | Repeat Violations | Construction Entrance | Repeat Violations | Stop Work | Notes |
|-------|------------------------------------|-------------------|-----------------------|-------------------|-----------|------------|
| 34 | | | | | | |
| 38 | | | | | | |
| 38 | Repair silt fence | | | | | |
| 45 | Stabilize or re-install silt fence | | | | | CE-Asphalt |
| 49 | | | | | | |
| 51 | | | | | | |
| 52 | Repair silt fence behind lot | | | | | |
| 53 | | | | | | |
| 54 | | | | | | |
| 55 | | | | | | |
| 56 | | | | | | |
| 57 | | | | | | |
| 58 | | | | | | |
| 59 | | | | | | |
| 60 | | | | | | |
| 61 | | | | | | |
| 62 | | | | | | |
| 63 | | | | | | |
| 64 | | | | | | |
| 65 | | | | | | |
| 66 | | | | | | |
| 67 | | | | | | |
| 68 | Repair silt fence | | Install CE | | | |
| 69 | Repair silt fence | | Install CE | | | |
| 70 | Repair silt fence | | Install CE | | | |
| 71 | Repair silt fence | | | | | |

2VH113

EROSION & SEDIMENT CONTROL

INSPECTION REPORT

Project Name: **VINT HILL LANDBAY "G"**

File No.

Inspection Date: **8-31-05**

Time: **10:40 AM**

Inspected by: **Kerry Wharton**

STAGE OF CONSTRUCTION

Pre-construction Conference Rough Grading/Utilities ☐ Temporary Stabilization ☐ Finish Grading
Clearing and Grubbing Road Prep/Paving ☐ Building Construction ☐ Final Stabilization

| *State Regulation (section) | U if repeat violation | Problem location & description | Corrective action required | Deadline |
|-----------------------------|-----------------------|--------------------------------|----------------------------|----------|
| | | See below | | |

Comments:

- Wetland area behind lot 82 needs to be graded to its original grades & stabilized immediately.
- Re-install check dam above wetland, check dam needs to stay in place until upslope is stabilized.

Repeat Violations:

- MS-17 Clean sediment off road & curb before flushing streets
- MS-4 Add silt fence behind lot 74 instead of the safety fence.
- MS-4 Entrench silt fence behind lots 75-77
- MS-4 Add silt fence on Shugart court below denuded lots
- MS-4 Repair silt fence along curb & gutter on Osborne Drive
- MS-17 Clean up sediment at end of cul-de-sac of Osborne Drive and Averbach Court..

| Miller & Smith, MS-4 for silt fence, MS-17 for construction entrances | | | | | | |
|---|------------------------------------|-------------------|-----------------------|-------------------|-----------|------------|
| Lot # | Silt Fence | Repeat Violations | Construction Entrance | Repeat Violations | Stop Work | Notes |
| 34 | | | | | | |
| 36 | | | | | | |
| 38 | Repair silt fence | | | | | |
| 45 | Stabilize or re-install silt fence | | | | | CE-Asphalt |
| 49 | | | | | | |
| 51 | | | | | | |
| 52 | Repair silt fence behind lot | | | | | |
| 53 | | | | | | |
| 54 | | | | | | |
| 55 | | | | | | |
| 56 | | | | | | |
| 57 | | | | | | |
| 58 | | | | | | |
| 59 | | | | | | |
| 60 | | | | | | |
| 61 | | | | | | |
| 62 | | | | | | |
| 63 | | | | | | |
| 64 | | | | | | |
| 65 | | | | | | |
| 66 | | | | | | |
| 67 | | | | | | |
| 68 | Repair silt fence | | Install CE | | | |
| 69 | Repair silt fence | | Install CE | | | |
| 70 | Repair silt fence | | Install CE | | | |
| 71 | Repair silt fence | | | | | |
| 72 | | | | | | |

2VH114

| | | | | | | |
|----|--|--|------------------|--|--|--|
| 73 | | | | | | |
| 74 | | | | | | |
| 75 | | | Add bigger stone | | | |
| 76 | | | | | | |
| 77 | | | | | | |

Verbal notification given to: Talked to George onsite, Dave Simon via telephone about wetlands behind lot 82

Completion deadlines: 9/13/05

Report prepared by:

Kerry Wharton
Kerry Wharton

Written notification given to: Vint Hill EDA
Dave Simons, Miller & Smith
George Rosenberger, K. Hovnanian

From the desk of:
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E&S Control Specialist
John Marshall SWCD
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Warrenton, VA 20188

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Fax: (540) 349-0878

2VH115

EROSION & SEDIMENT CONTROL

INSPECTION REPORT

Project Name: **VINT HILL LANDBAY "G"**

File No.

Inspection Date: 9-28-05Time: 9:50 AMInspected by: Kerry Wharton

STAGE OF CONSTRUCTION

Pre-construction Conference

Rough Grading/Utilities

☒ Temporary Stabilization☒ Finish Grading

Clearing and Grubbing

Road Prep/Paving

☒ Building Construction☒ Final Stabilization

| *State Regulation (section) | <input type="checkbox"/> if repeat violation | Problem location & description | Corrective action required | Deadline |
|-----------------------------|--|--------------------------------|----------------------------|----------|
| | | See below | | |

Comments:

- will continue to monitor vegetation growth in the wetland area behind lot 82

New Violations:

- MS-1 Small disturbed area behind lots 56 & 57 beyond silt fence that needs to be stabilized
- MS-11 Outlet behind lot 52 & 56 needs to be cleaned out
- MS-10 Inlet behind lot 56 needs to be installed properly or be removed. If removed, install what is shown in the site plan. Complaint received on this inlet. Previous reports have asked for this inlet to be installed properly.

Repeat Violations:

- MS-4 Entrench silt fence behind lots 75-77 (stop work order on lot 77)
- MS-1 Small disturbed area behind lots 56 & 57 beyond silt fence that needs to be stabilized
- MS-11 Outlet behind lot 52 & 56 needs to be cleaned out
- MS-18 Once sod has been installed on lots & silt fence is ready to be removed. The disturbance from the silt fence needs to be stabilized. For example, behind lot 53. Silt fence has been removed but not stabilized. Stabilize ASAP.
- MS-17 Provide stone access for stockpile areas
- MS-1 Lots on Shugart court with disturbed areas need to be stabilized ASAP.
- MS-1 Stabilize common areas that have been denuded more than 30 days. Beside lot 45, behind lot 50, 51, and on lots 15 & 16. There are several denuded areas throughout this section G. They all need to be stabilized ASAP.

| Miller & Smith, MS-4 for silt fence, MS-17 for construction entrances | | | | | | |
|---|------------|-------------------|-----------------------|-------------------|-----------|------------|
| Lot # | Silt Fence | Repeat Violations | Construction Entrance | Repeat Violations | Stop Work | Notes |
| 34 | | | | | | |
| 35 | | | | | | |
| 38 | | | | | | |
| 45 | | | | | | CE-Asphalt |
| 49 | | | | | | |
| 50 | | | | | | |
| 52 | | | | | | |
| 53 | | | | | | |
| 54 | | | | | | |
| 55 | | | | | | |
| 56 | Barricade | | | | | |
| 57 | | | | | | CE-Asphalt |
| 58 | | | | | | CE-Asphalt |
| 59 | | | | | | CE-Asphalt |
| 60 | | | | | | CE-Asphalt |
| 61 | | | | | | CE-Asphalt |

2VH116

| | | | | | | |
|----|------------------------------------|----|----------------|---|---|------------|
| 62 | | | | | | |
| 63 | | | | | | |
| 64 | | | | | | |
| 65 | | | | | | |
| 66 | | | | | | |
| 67 | | | | | | |
| 68 | Repair silt fence | XX | | | X | |
| 69 | Repair silt fence | XX | | | | |
| 70 | | | Add more stone | | | |
| 71 | | | | | | |
| 72 | Repair silt fence behind lot | | | | | |
| 73 | Repair silt fence | | | | | |
| 74 | Repair silt fence | | Install CE | | | |
| 75 | | | | | | CE-Asphalt |
| 76 | Silt fence not entrench behind lot | | Install CE | X | | |
| 77 | Silt fence not entrench behind lot | | | | X | CE-Asphalt |
| 92 | | | Install CE | X | X | |

(Let me go)
Verbal notification given to: George (via telephone) & Tommy onsite

Completion deadlines: 10/705

Report prepared by:

Kerry Wharton
Kerry Wharton

Written notification given to: Vint Hill EDA
Dave Simons, Miller & Smith
George Rosenberger, K. Hovnanian

From the desk of:
Kerry Wharton
E&S Control Specialist
John Marshall SWCD
98 Alexandria Pike, Suite 31
Warrenton, VA 20186

(540) 347-3120 ext 3
Fax: (540) 349-0870

GRADE 54-56

540-347-2043
6/10/04

2VH117

Miller And Smith
At
Vint Hill Land Bay "G"

September 29, 2005

To: George,

Ref: County / John Marshall Comments, Lot 72 is my comment.

Please take care of the items listed below.

Lot 53 - Remove the 2 trees that were pushed into the save area.

Lot 56 - Repair save area, equipment damage, reseed and straw.

Lot 57 - Remove the cut tree from the save area.

Lot 72 - You need to have a Engineer design a retaining wall for the right rear of the lot, footer is hanging based on a 2:1 ratio. Don't just cut down the trees.

If you have any questions please call. - David

70 FROM MAY 1000

71 FROM WACR

92 9TON

703 501 7450
SCOTT

| | | | | | | |
|----|------------------------------------|----|----------------|---|---|------------|
| 62 | | | | | | |
| 63 | | | | | | |
| 64 | | | | | | |
| 65 | | | | | | |
| 66 | | | | | | |
| 67 | | | | | | |
| 68 | Repair silt fence | XX | | | X | |
| 69 | Repair silt fence | XX | | | | |
| 70 | | | Add more stone | | | |
| 71 | | | | | | |
| 72 | Repair silt fence behind lot | | | | | |
| 73 | Repair silt fence | | | | | |
| 74 | Repair silt fence | | Install CE | | | |
| 75 | | | | | | CE-Asphalt |
| 76 | Silt fence not entrench behind lot | | Install CE | X | | |
| 77 | Silt fence not entrench behind lot | | | | X | CE-Asphalt |
| 92 | | | Install CE | X | X | |

Verbal notification given to: George ^(let me go) (via telephone) & Tommy onsite

Completion deadlines: 10/7/05

Report prepared by:

Kerry Wharton
Kerry Wharton

Written notification given to: Vint Hill EDA
Dave Simons, Miller & Smith
George Rosenberger, K. Hovnanian

From the desk of...
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E&S Control Specialist
John Marshall SWCD
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Fax: (540) 349-0870

GRADE 54-56

540-347-2043
6W4N

2VH119

EROSION & SEDIMENT CONTROL

INSPECTION REPORT

Project Name: VINT HILL LANDBAY "G"

File No. _____

Inspection Date: 5-12-05

Time: 9:50 AM

Inspected by: Debbie Switzer

STAGE OF CONSTRUCTION

Pre-construction Conference

Rough Grading/Utilities

☐ Temporary Stabilization

☐ Finish Grading

Clearing and Grubbing

Road Prep/Paving

☐ Building Construction

☐ Final Stabilization

| *State Regulation (section) | if repeat violation | Problem location & description | Corrective action required | Deadline |
|-----------------------------|---------------------|--------------------------------|----------------------------|----------|
| | | See below | | 5/18/05 |

COMMENTS: The trail has been seeded and mulched. Grass is coming up. Thanks. The drainage swale behind lots 85, 86, and 87 needs to be stabilized with seed and mulch and / or matting. Stone inlet and outlet protection needs to be install at the culvert and check dams installed until vegetation is established. I spoke with owners of lot 85 & 86 and they have concerns about the visual appearance of the area as well.

Individual Lots (K. Hovnanian) -

Lot 13 - Complete - Return to County

Lot 14 - Complete - Return to County

Lot 27 - Complete - Return to County

Lot 29 -

Lot 30 - Entrance is paved / repair silt fence REPEAT

Lot 31 - Lot has been sodded

Lot 32 - Stock pile is in road. Remove by end of day.

Lot 34 - Complete - Return to County

Lot 36 - Repair silt fence

Lot 37 - Needs a construction entrance / Add silt fence in front

Lot 38 - Dirt in road - remove and clean up by the end of the day.

Lot 39 - Fix silt fence / needs additional stone for construction entrance

Lot 40 - Dirt in road - Clean up by end of day

Lot 41 - Complete - RTC

Lot 43 - Complete - RTC

Lot 44 - Complete - RTC

Lot 45 - Needs a construction entrance and silt fence

Lot 46 - Needs more stone and silt fence

Lot 47 - Needs a construction entrance / Repair silt fence REPEAT

Lot 48 - OK

Lot 50 - repair silt fence REPEAT

Lot 60 - Needs silt fence and a construction entrance

Lot 78 - Complete - RTC

Lot 79 - Needs silt fence - clean up road in front

Lot 80 - Clean up road in front

Lot 81 - Clean up road in front

Lot 82 - silt fence behind lot 82 & 82 is down in back and undermined in spots - Repair

Lot 83 - Add more stone in front

Lot 84 - Seed and mulch remainder of lot

Lot 85 - Swale in back needs to be stabilized

Lot 86 - Swale in back needs to be stabilized

Lot 87 - Swale in back needs to be stabilized

Lot 88 - Swale in back needs to be stabilized

Lot 89 - Sod is down - There are large cracks in the sod - It was not installed properly

Lot 90 - Sod is down - There are large cracks in the sod - It was not installed properly

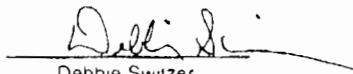
2VH121

Vint Hill Landbay G
Pg 2
5/12/05

The sod on many of the lots is turning brown and large cracks are showing. It does not appear to have put in properly. Place silt fence at the curb of the remainder of the lots. There has been a lot of excavated material dumped on unopened lots without a construction entrance in place. Please install construction entrances and put silt fence up. Also please ensure that silt fence is in the back of the lot and that it is in good repair. I will be out next week to check on progress.

Verbal notification given to: Talked with Tommy
Completion deadlines: 5/18/05

Report prepared by:


Debbie Switzer

Written notification given to: Vint Hill EDA
Dave Simons, Miller & Smith
George Rosenberger, K. Hovnanian

From the desk of
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E&S Program Manager
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Fax (540) 349-0378

2VH122

EROSION & SEDIMENT CONTROL

INSPECTION REPORT

Project Name: VINT HILL LANDBAY "G"File No: 1Inspection Date: 5-18-05Time: 11:45 AMInspected by: Debbie Switzer

STAGE OF CONSTRUCTION

Pre-construction Conference

Rough Grading/Utilities

☐ Temporary Stabilization☐ Finish Grading

Clearing and Grubbing

Road Prep/Paving

☐ Building Construction☐ Final Stabilization

| *State Regulation (section) | <input type="checkbox"/> if repeat violation | Problem location & description | Corrective action required | Deadline |
|-----------------------------|--|--------------------------------|----------------------------|----------|
| | | See below | | |

COMMENTS: The site looks much better. Most of the work has been taken care of and Kipps is on site working.

The sod on many of the lots is turning brown and large cracks are showing. It does not appear to have put in properly.

The county is investigating a complaint regarding the common area behind lots 15, 16, 17 and 18. There is a portion of the bank behind lot 18 that has sloughed. Another portion of the swale appears very steep and may not remain stable. The retaining wall appears to have a buckle or sway in it. The grading in the back yards needs to be verified whether it is to plans and draining appropriately. The ground is very uneven and the sod is not installed correctly. I talked with George - they are in the process of taking care of these issues.

The drainage swale behind lots 85, 86, and 87 needs to be stabilized with seed and mulch and / or matting. Stone inlet and outlet protection needs to be installed at the culvert and check dams installed until vegetation is established. **REPEAT** This needs to be taken care of by 6/2/05

Individual Lots (K. Hovnanian) - Deadline 5/25/05

Lot 29 - The sod is not adequate.

Lot 30 - OK

Lot 31 - Sod is not adequate.

Lot 32 - OK

Lot 36 - Repair silt fence - REPEAT

Lot 37 - OK

Lot 38 - Dirt in road - remove and clean up by the end of the day. - REPEAT

Lot 39 - OK

Lot 40 - OK

Lot 45 - OK

Lot 46 - OK

Lot 47 - OK

Lot 48 - OK

Lot 50 - OK

Lot 51 - OK

Lot 53 - Needs a construction entrance and silt fence

Lot 60 - OK

Lot 79 - OK

Lot 80 - OK

Lot 81 - OK

Lot 82 - silt fence behind lot 82 & 82 is not entrenched. - Please Fix

2VH123

Vint Hill Landbay G
Pg. 2
5/18/05

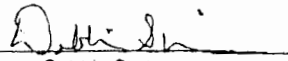
Lot 83 - OK
Lot 84 - Seed and mulch remainder of lot - REPEAT
Lot 85 - Swale in back needs to be stabilized
Lot 86 - Swale in back needs to be stabilized
Lot 87 - Swale in back needs to be stabilized
Lot 88 - Swale in back needs to be stabilized
Lot 89 - Sod not installed properly
Lot 90 - Sod not installed properly

Please clean up dirt pile in front of lots 62 & 63.
Fix the drop inlet protection behind lot 48.

Verbal notification given to: Talked with George

Completion deadlines: As noted above

Report prepared by:


Debbie Switzer

Written notification given to: Vint Hill EDA
Dave Simons, Miller & Smith
George Rosenberger, K. Hovnanian

From the desk of:
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2VH124

EROSION & SEDIMENT CONTROL

INSPECTION REPORT

Project Name VINT HILL LANDBAY "G"

File No

Inspection Date 6-9-05

Time 1:35 PM

Inspected by Debbie Switzer

STAGE OF CONSTRUCTION

Pre-construction Conference

Rough Grading/Utilities

☐ Temporary Stabilization

☐ Finish Grading

Clearing and Grubbing

Road Prep/Paving

☐ Building Construction

☐ Final Stabilization

| *State Regulation (section) | if repeat violation | Problem location & description | Corrective action required | Deadline |
|-----------------------------|---------------------|--------------------------------|----------------------------|----------|
| | | See below | | 6/16/05 |

COMMENTS: They are working on several lots on Shugart Ct. re-grading for drainage and putting down new sod. There are several lots as noted below that do not have an adequate construction entrance or adequate silt fence. George and I discussed putting stone down in the front yards to take care of these issues.

The drainage swale behind lot 86 is being addressed. Need to re-grade and stabilize the swale as it continues under the side access and behind lots 85 & 84. Stone inlet and outlet protection is required at the culvert under the side access. The swale behind lots 80, 81 and 82 needs to be stabilized.

Individual Lots (K. Hovnanian) - Deadline -

Lot 29 - Bare in back - Re-grading / replacing sod

Lot 30 - Bare in back - Re-grading / replacing sod

Lot 31 - Bare in back - Re-grading / replacing sod

Lot 32 - Needs more stone on entrance

Lot 36 - Needs more stone on entrance

Lot 37 - Needs more stone on entrance

Lot 38 - OK

Lot 39 - Add stone

Lot 40 - extend silt fence by curb and gutter inlet protection

Lot 45 - Add stone for entrance or block off

Lot 46 - OK

Lot 47 - OK

Lot 48 - The sod by the road is brown.

Lot 50 - complete - RTC

Lot 51 - Needs more stone on entrance or stone entire front

Lot 52 - Needs a construction entrance and silt fence

Lot 53 - Needs stone construction entrance and silt fence

Lot 60 - Needs stone entrance and silt fence or stone front yard.

Lot 79 - Replace silt fence

Lot 80 - Sod is dead - replace

Lot 81 - Bare un-stabilized swale in back

Lot 82 - Bare un-stabilized swale in back

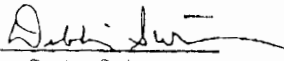
2VH125

Lot 83 - Needs silt fence
Lot 84 - Fix back of lot per plans - REPEAT
Lot 85 - Swale in back needs to be stabilized - REPEAT
Lot 86 - They are working on swale in back
Lot 87 - Swale in back needs to be stabilized
Lot 88 - Swale in back needs to be stabilized
Lot 89 - Sod looks poor
Lot 90 - Sod looks poor

Verbal notification given to: Talked with George

Completion deadlines: As noted above

Report prepared by:


Debbie Switzer

Written notification given to: Vint Hill EDA
Dave Simons, Miller & Smith
George Rosenberger, K. Hovnanian

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2VH126

EROSION & SEDIMENT CONTROL

INSPECTION REPORT

Project Name VINT HILL LANDBAY "G"

File No

Inspection Date: 6-27-05

Time: 11:15 AM

Inspected by: Debbie Switzer

STAGE OF CONSTRUCTION

Pre-construction Conference

Rough Grading/Utilities

☐ Temporary Stabilization

☐ Finish Grading

Clearing and Grubbing

Road Prep/Paving

☐ Building Construction

☐ Final Stabilization

| *State Regulation (section) | if repeat violation | Problem location & description | Corrective action required | Deadline |
|-----------------------------|---------------------|--------------------------------|----------------------------|----------|
| | | See below | | 7/5/05 |

COMMENTS: Partial inspection only.

There are several lots where the sod is in the process of being replaced. The drainage swale behind lots 86 and 85 has been worked on. Please see the issues noted below.

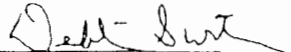
- Lot 85 - The plans don't call for a rip-rapped channel. There should only be enough stone for culvert inlet protection. The inlet protection stone should be set into the ground so it doesn't inhibit drainage.
- Lot 86 - The outlet protection is set in the way it should be, but there doesn't appear to be any filter fabric under it. Per specs, there should be filter fabric.

Taking care of these issues now should prevent future problems.

Verbal notification given to:

Completion deadlines: 7/13/05

Report prepared by


Debbie Switzer

Written notification given to: Vint Hill EDA
Dave Simons, Miller & Smith
George Rosenberger, K. Hovnanian

2VH127

EROSION & SEDIMENT CONTROL

INSPECTION REPORT

Project Name: VINT HILL LANDBAY "G"

File No

Inspection Date 7-6-05Time 9:45 AMInspected by: Debbie Switzer & Kerry Wharton

STAGE OF CONSTRUCTION

Pre construction Conference

Rough Grading/Utilities

☐ Temporary Stabilization☐ Finish Grading

Clearing and Grubbing

Road Prep/Paving

☐ Building Construction☐ Final Stabilization

| State Regulation (section) | If repeat violation | Problem location & description | Corrective action required | Deadline |
|----------------------------|---------------------|--------------------------------|----------------------------|----------|
| | | See below | | |

New violations: Comments

- There are several lots where the sod is in the process of being replaced
- Received complaint while onsite from owner on lot 85 about ponding water in back yard, please confer with the owner to discuss this issue
- MS-1 Several lots in Shugart Court and lots 86-89 needs to be stabilized with sod, seed/straw or silt fence needs to be installed
- MS-10 Repair silt fence on drop inlet behind lot 47
- MS-1 Stabilize swale behind lot 74-77 above sediment trap. Wrap area with silt fence.

Miller & Smith, MS-4 for silt fence, MS-17 for construction entrances

| Lot # | Silt Fence | Repeat Violations | Construction Entrance | Repeat Violations | Stop Work | Notes |
|-------|------------------------------|-------------------|-----------------------|-------------------|-----------|-------|
| 35 | Repair silt fence | | | | | |
| 36 | Sod or re-install silt fence | | | | | |
| 37 | | | Add stone | | | |
| 38 | | | | | | |
| 39 | | | | | | |
| 40 | Sod or re-install silt fence | | | | | |
| 41 | Sod or re-install silt fence | | | | | |
| 42 | Sod or re-install silt fence | | | | | |
| 43 | Sod or re-install silt fence | | | | | |
| 45 | Repair silt fence | | Add stone | | | |
| 46 | Repair silt fence | | Add stone | | | |
| 47 | Sod or re-install silt fence | | | | | |
| 48 | | | | | | |
| 49 | | | | | | |
| 50 | | | | | | |
| 51 | | | Add stone | | | |
| 52 | | | Add stone | | | |
| 53 | | | | | | |
| 54 | Repair silt fence | | | | | |
| 55 | Repair silt fence | | | | | |
| 56 | | | | | | |
| 57 | Repair silt fence | | Add stone | | | |
| 58 | | | | | | |
| 59 | Repair silt fence | | | | | |
| 60 | Repair silt fence | | Add stone | | | |
| 61 | Repair silt fence | | | | | |
| 62 | | | | | | |
| 63 | | | | | | |
| 64 | Repair silt fence | | | | | |
| 65 | | | | | | |

| | | | | | | |
|----|--------------------------------|--|--|--|--|--|
| 66 | | | | | | |
| 67 | | | | | | |
| 68 | | | | | | |
| 69 | | | | | | |
| 70 | | | Add stone (drop off for stockpile) | | | |
| 71 | | | | | | |
| 72 | | | | | | |
| 73 | | | | | | |
| 74 | Repair silt fence | | Add stone | | | |
| 75 | Repair silt fence or add stone | | | | | |
| 76 | | | | | | |
| 77 | | | | | | |

Verbal notification given to: Talked with George

Completion deadlines: 7/18/05

Report prepared by

Kerry Wharton
Kerry Wharton

Written notification given to:

Vint Hill EDA
Dave Simons, Miller & Smith
George Rosenberger, K. Hovnanian

From the desk of
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2VH129

EROSION & SEDIMENT CONTROL

INSPECTION REPORT

Project Name **VINT HILL LANDBAY "G"**

File No.

Inspection Date **7-19-05**

Time **2:40 PM**

Inspected by **Kerry Wharton**

STAGE OF CONSTRUCTION

Pre-construction Conference

Rough Grading/Utilities

☐ Temporary Stabilization

☐ Finish Grading

Clearing and Grubbing

Road Prep/Paving

☐ Building Construction

☐ Final Stabilization

| State Regulation (section) | Repeat violation | Problem location & description | Corrective action required | Deadline |
|----------------------------|------------------|--------------------------------|----------------------------|----------|
| | | See below | | |

7/19/05: Several lots had repeat violations. Spoke to George onsite, will address problems. If problems continue, stop work orders will be issued on lots with repeat violations at next inspection.

New Violations

- MS-10 Replace inlet in front of lot 27, 49 & 63
- MS-10 Clean up sediment around inlet in front of lot 32
- MS-11 Repair inlet behind lot 86, water is washing around the upper part of the inlet riprap
- MS-17 Clean up sediment at end of cul-de-sac of Osborne Drive and Averbach Court.
- MS-8/11 Repair damage on outlet of pipe on lot 48, stabilize
- MS-1 Lots in Mauchley Court needs to be stabilized with sod, seed/straw or silt fence needs to be installed
- MS-2/17 Stockpile in front of lot 45 on road. Clean road as necessary

Repeat Violations:

- MS-10 Repair silt fence on drop inlet behind lot 47 (REPEAT)
- MS-1 Stabilize swale behind lot 74-77 above sediment trap. Wrap area with silt fence. (REPEAT)

Comments:

- There are several lots where the sod is in the process of being replaced, and some lots have straw mulch until lots will be sodded.
- Received complaint while onsite from owner on lot 85 about ponding water in back yard, please confer with the owner to discuss this issue. This issue needs to be addressed
- Received new complaint regarding the inlet of culvert behind lot 86 and ponding water behind lot 82. Please confer with both owners to get these items addressed

| Miller & Smith, MS-4 for silt fence, MS-17 for construction entrances | | | | | | |
|---|------------------------------|-------------------|------------------------|-------------------|-----------|-------|
| Lot # | Silt Fence | Repeat Violations | Construction Entrance | Repeat Violations | Stop Work | Notes |
| 35 | Repair silt fence | X | | | | |
| 36 | Sod or re-install silt fence | X | | | | |
| 37 | Repair silt fence | | Add stone | X | | |
| 38 | | | | | | |
| 39 | | | | | | |
| 40 | | | | | | |
| 41 | | | | | | |
| 42 | | | | | | |
| 43 | | | | | | |
| 45 | Repair silt fence | X | Add stone | X | | |
| 46 | Repair silt fence | X | Add stone | X | | |
| 47 | | | | | | |
| 48 | | | | | | |
| 49 | | | | | | |
| 50 | | | | | | |
| 51 | Install silt fence | | Add stone or barricade | X | | |

2VH130

| | | | | | | |
|----|--------------------------------|---|------------------------------------|---|--|--|
| 52 | Repair silt fence | | Add stone | X | | |
| 53 | | | | | | |
| 54 | Repair silt fence | X | | | | |
| 55 | Repair silt fence | X | | | | |
| 56 | Repair silt fence | | | | | |
| 57 | Repair silt fence | | Add stone | X | | |
| 58 | | | | | | |
| 59 | Repair silt fence | X | | | | |
| 60 | Repair silt fence | X | | | | |
| 61 | Repair silt fence | X | | | | |
| 62 | | | | | | |
| 63 | | | | | | |
| 64 | | | | | | |
| 65 | | | | | | |
| 66 | | | | | | |
| 67 | | | | | | |
| 68 | | | | | | |
| 69 | | | | | | |
| 70 | | | Add stone (drop off for stockpile) | X | | |
| 71 | | | Add stone | | | |
| 72 | | | | | | |
| 73 | Repair silt fence | | Add stone | | | |
| 74 | Repair silt fence | X | Add stone | X | | |
| 75 | Repair silt fence or add stone | X | | | | |
| 76 | Repair silt fence | | Add stone | | | |
| 77 | | | Add stone | | | |

Verbal notification given to: Talked with George onsite

Completion deadlines: 7/28/05 Repair violations - ASAP

Report prepared by: _____
Kerry Wharton

Written notification given to: Vint Hill EDA
Dave Simons, Miller & Smith
George Rosenberger, K. Hovnanian

2VH131

EROSION & SEDIMENT CONTROL

INSPECTION REPORT

Project Name: **VINT HILL LANDBAY "G"**

File No.

Inspection Date: 4-5-05

Time: 11:45 AM

Inspected by: Debbie Switzer

STAGE OF CONSTRUCTION

- ☐ Pre-construction Conference ☐ Rough Grading/Utilities ☒ Temporary Stabilization ☐ Finish Grading
☐ Clearing and Grubbing ☐ Road Prep/Paving ☒ Building Construction ☐ Final Stabilization

| *State Regulation (section) | <input type="checkbox"/> if repeat violation | Problem location & description | Corrective action required | Deadline |
|-----------------------------|--|--------------------------------|----------------------------|----------|
| | | See below | | 4/15/05 |

COMMENTS: Much of the trail is still not seeded and mulched. This needs to be done ASAP.

Individual Lots (K. Hovnanian) –

- Lot 13 – OK
Lot 14 – **Seed & mulch side area back to drop inlet REPEAT**
Lot 27 – OK
Lot 29 – **silt fence is not entrenched**
Lot 30 – **Needs a construction entrance and repair silt fence**
Lot 31 – OK
Lot 32 – **Repair silt fence.**
Lot 34 – **re-install silt fence or sod REPEAT**
Lot 41 – **Repair silt fence**
Lot 43 – **bare spots by curb / seed and mulch**
Lot 44 – OK
Lot 46 – OK
Lot 47 – **Needs more stone / Repair silt fence**
Lot 48 – OK
Lot 50 – **repair silt fence**
Lot 78 – OK
Lot 79 – OK
Lot 80 – OK
Lot 81 – **Water is being pumped and it is flowing under the silt fence and towards the wetlands. Filter pumped water.**
Lot 82 – OK
Lot 83 – **Entrance OK - Needs silt fence - Replace curb and gutter inlet protection in front of lot.**
Lot 84 – **Sod or re-install silt fence**
Lot 85 – OK
Lot 86 – **Entrench silt fence**
Lot 87 – OK
Lot 88 – OK
Lot 89 – **entrench silt fence**
Lot 90 – **entrench silt fence in front**

2VH132

Verbal notification given to: Talked with George & Tommy

Completion deadlines: 4/14/05

Report prepared by: _____

Debbie Switzer

Written notification given to: Vint Hill EDA
Dave Simons, Miller & Smith
George Rosenberger, K. Hovnanian

From the desk of...
Debbie Switzer
E&S Program Manager
John Marshall SWCD
98 Alexandria Pike, Suite 31
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EROSION & SEDIMENT CONTROL

INSPECTION REPORT

Project Name: **VINT HILL LANDBAY "G"**

File No.

Inspection Date: 3-17-05

Time: 10:30 AM

Inspected by: Debbie Switzer

STAGE OF CONSTRUCTION

Pre-construction Conference

Rough Grading/Utilities

☒ Temporary Stabilization

Finish Grading

Clearing and Grubbing

Road Prep/Paving

☒ Building Construction

Final Stabilization

| *State Regulation (section) | <input type="checkbox"/> if repeat violation | Problem location & description | Corrective action required | Deadline |
|-----------------------------|--|--------------------------------|----------------------------|----------|
| | | See below | | 3/24/05 |

COMMENTS: Silt fence is in place behind lots 84 & 85. Curb and gutter inlet protection has been replaced at the end of Osborne Dr. Thanks. Silt fence throughout the site is in poor shape.

Individual Lots (K. Hovnanian) –

Lot 13 – Repair silt fence / construction entrance looks good – use it!

Lot 14 – Seed & mulch side area back to drop inlet REPEAT

Lot 27 – OK

Lot 29 - Paved driveway / Fix silt fence - REPEAT

Lot 30 - Needs silt fence

Lot 31 – OK

Lot 32 - Needs stone for construction entrance.

Lot 34 – re-install silt fence or sod

Lot 41 – Clean up in front

Lot 44 – Repair silt fence

Lot 46 – Repair silt fence / need a construction entrance

Lot 47 - Repair silt fence / need a construction entrance

Lot 48 – repair silt fence / needs more stone on entrance REPEAT

Lot 50 – fix silt fence

Lot 78 – OK

Lot 79 – Repair silt fence / needs a construction entrance

Lot 80 – Fix silt fence / construction entrance needs stone

Lot 81 – Clean up construction entrance / repair silt fence

Lot 82 – Replace silt fence

Lot 83 – Needs silt fence

Lot 84 – Sod or re-install silt fence

Lot 85 – OK

Lot 86 – Repair silt fence or sod

Lot 87 – Fix silt fence

Lot 88 – Fix silt fence

Lot 89 – Fix silt fence

Lot 90 – Repair silt fence in front

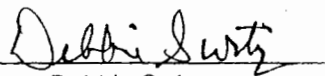
Repair silt fence behind lot 79, 80, and 81.

2VH133

Verbal notification given to: Talked with Tommy

Completion deadlines: 3/24/05

Report prepared by:


Debbie Switzer

From the desk of...
Debbie Switzer
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98 Alexandria Pike, Suite 31
Warrenton, VA 20186

Written notification given to: Vint Hill EDA
Dave Simons, Miller & Smith
George Rosenberger, K. Hovnanian

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EROSION & SEDIMENT CONTROL

INSPECTION REPORT

Project Name: **VINT HILL LANDBAY "G"**

File No.

Inspection Date: 3-3-05

Time: 2:30 PM

Inspected by: Debbie Switzer

STAGE OF CONSTRUCTION

| | | | |
|-----------------------------|-------------------------|---|---------------------|
| Pre-construction Conference | Rough Grading/Utilities | <input checked="" type="checkbox"/> Temporary Stabilization | Finish Grading |
| Clearing and Grubbing | Road Prep/Paving | <input checked="" type="checkbox"/> Building Construction | Final Stabilization |

| *State Regulation (section) | <input type="checkbox"/> if repeat violation | Problem location & description | Corrective action required | Deadline |
|-----------------------------|--|--------------------------------|----------------------------|----------|
| | | See below | | 3/11/05 |

COMMENTS: Still need to repair the silt fence behind lots 84 & 85. Please replace curb and gutter inlet protection at the end of Osborne Dr. The remainder of the project is in pretty good shape. Please maintain the construction entrances and silt fence and keep the roads clean as needed.

****There are areas along the trail that need to be final stabilized. This is a good time of year to seed and mulch!**

Individual Lots (K. Hovnanian) -

Lot 13 - **Repair silt fence / needs more stone on construction entrance**

Lot 14 - **Seed & mulch side area back to drop inlet REPEAT**

Lot 27 - OK

Lot 29 - **Fix silt fence - REPEAT**

Lot 30 - **Needs a construction entrance**

Lot 31 - OK

Lot 32 - OK

Lot 34 - OK

Lot 41 - OK

Lot 44 - OK

Lot 48 - **repair silt fence / needs more stone on entrance REPEAT**

Lot 50 - **fix silt fence**

Lot 67 - **clean up road b lot 67**

Lot 78 - OK

Lot 80 - **Fix silt fence**

Lot 82 - **Replace silt fence**

Lot 84 - OK

Lot 85 - OK

Lot 86 - **Repair silt fence**

Lot 87 - **Fix silt fence and construction entrance**

Lot 88 - **Fix silt fence and construction entrance**

Lot 89 - **Fix silt fence and construction entrance**

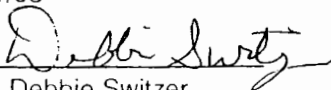
Lot 90 - OK

Verbal notification given to: **Talked with Tommy**

2VH134

Completion deadlines: **3/11/05**

Report prepared by:


Debbie Switzer

Written notification given to: **Vint Hill EDA**
Dave Simons, Miller & Smith
George Rosenberger, K. Hovnanian

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EROSION & SEDIMENT CONTROL

INSPECTION REPORT

Project Name: **VINT HILL LANDBAY "G"**

File No.

Inspection Date: 2-17-05

Time: 10:25 AM

Inspected by: Debbie Switzer

STAGE OF CONSTRUCTION

Pre-construction Conference Rough Grading/Utilities ☒ Temporary Stabilization Finish Grading
Clearing and Grubbing Road Prep/Paving ☒ Building Construction Final Stabilization

| *State Regulation (section) | <input type="checkbox"/> if repeat violation | Problem location & description | Corrective action required | Deadline |
|-----------------------------|--|--------------------------------|----------------------------|----------|
| | | See below | | 3/1/05 |

COMMENTS: Silt fence has been added along Averbach Ct. Thanks. Averbach Ct. is still very messy. Please scrape / sweep it. Several curb and gutter inlet protections have been replaced. The one in front of lots 83 / 84 needs to be replaced. Also need to repair the silt fence behind lots 84 & 84. Please note that there are several repeat violations.

****There are areas along the trail that need to be final stabilized. This is a good time of year to seed and mulch!**

Individual Lots (K. Hovnanian) -

Lot 13 - **Repair silt fence / needs more stone on construction entrance / clean up roadway in front along Shugart**
Lot 14 - **Seed & mulch side area back to drop inlet**
Lot 27 - **sod or seed and mulch**
Lot 29 - **Fix silt fence - REPEAT**
Lot 30 - **Repair silt fence / Needs a construction entrance**
Lot 31 - **OK**
Lot 32 - **OK**
Lot 34 - **OK**
Lot 41 - **Clean up road in front.**
Lot 44 - **Repair silt fence**
Lot 48 - **Clean up in front / repair silt fence / needs more stone on entrance REPEAT**
Lot 50 - **Needs a construction entrance**
Lot 78 - **paved driveway / silt fence - Ok**
Lot 80 - **OK**
Lot 82 - **Needs a construction entrance**
Lot 84 - **Clean up road in front / Repair silt fence - replace curb & gutter inlet in front REPEAT**
Lot 85 - **Clean up road in front / Repair silt fence**
Lot 86 - **OK**
Lot 87 - **Clean up road in front / Needs a construction entrance**
Lot 88 - **Clean up road in front**
Lot 89 - **needs silt fence REPEAT**
Lot 90 - **Repair silt fence REPEAT**

Verbal notification given to: Talked with Tommy

2VH135

Completion deadlines: 3/1/05

Report prepared by: Debbie Switzer
Debbie Switzer

Written notification given to: Vint Hill EDA
Dave Simons, Miller & Smith
George Rosenberger, K. Hovnanian

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EROSION & SEDIMENT CONTROL

INSPECTION REPORT

Project Name: **VINT HILL LANDBAY "G"**

File No.

Inspection Date: 2/4 & 7/05

Time: 1:30 PM

Inspected by: Debbie Switzer

STAGE OF CONSTRUCTION

Pre-construction Conference Rough Grading/Utilities ☒ Temporary Stabilization Finish Grading
Clearing and Grubbing Road Prep/Paving ☒ Building Construction Final Stabilization

| *State Regulation (section) | <input type="checkbox"/> if repeat violation | Problem location & description | Corrective action required | Deadline |
|-----------------------------|--|--------------------------------|----------------------------|--------------------|
| | | See below | | 2-14-05 |

COMMENTS: They are hauling from lot 13 to Averbach Ct. Please add silt fence along the curb in front of the stock piles on Averbach Ct.

Talked with Tommy – they are in the process of replacing several curb and gutter inlet protections.

Individual Lots (K. Hovnanian) –

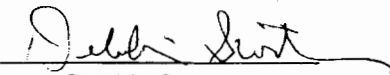
Lot 13 – OK
Lot 27 – **Repair silt fence, especially near the curb and gutter inlet.**
Lot 29 – **Fix silt fence**
Lot 30 – **Clean up in front / Repair silt fence**
Lot 31 – silt fence OK
Lot 32 – OK
Lot 34 –
Lot 41 – OK.
Lot 44 – OK
Lot 48 – **Clean up in front of SF.**
Lot 78 – paved driveway / silt fence - Ok
Lot 80 – OK
Lot 81 –
Lot 82 – OK
Lot 84 – **Needs silt fence – replace curb & gutter inlet in front**
Lot 85 – **Repair silt fence**
Lot 86 – OK
Lot 87 – **CE needs more stone**
Lot 88 – Has 3 piles of stone in front.
Lot 89 – **needs silt fence REPEAT**
Lot 90 – **Repair silt fence REPEAT**

Verbal notification given to: Talked with George on Friday and Tommy on Monday

Completion deadlines: 2-14-05

2VH136

Report prepared by:


Debbie Switzer

Written notification given to: Vint Hill EDA
Dave Simons, Miller & Smith
George Rosenberger, K. Hovnanian

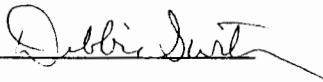
From the desk of...
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Verbal notification given to: Spoke with Mr. Rosenburger on site

Completion deadlines: 10/15/04

Report prepared by:



Debbie Switzer

Written notification given to: Vint Hill EDA
Dave Simons, Miller & Smith
Butch Crouch, William A. Hazel, Inc.
George Rosenberger, K. Hovnanian

2VH137

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EROSION & SEDIMENT CONTROL

INSPECTION REPORT

Project Name: **VINT HILL LANDBAY "G"**

File No.

Inspection Date: **1/20/05**

Time: **1:10 PM**

Inspected by: **Debbie Switzer**

STAGE OF CONSTRUCTION

Pre-construction Conference Rough Grading/Utilities ☒ Temporary Stabilization Finish Grading
Clearing and Grubbing Road Prep/Paving ☒ Building Construction Final Stabilization

| *State Regulation (section) | <input type="checkbox"/> if repeat violation | Problem location & description | Corrective action required | Deadline |
|-----------------------------|--|--------------------------------|----------------------------|----------|
| | | See below | | |

COMMENTS: Lot 48 and the roadways in that area are a mess. I've issued a STOP inspection on lot 48. Please add a construction entrance and silt fence for this lot and clean up all of Averbach Court. Sutherland Ct. looks better. Thanks

Individual Lots (K. Hovnanian) -

Lot 13 - fix silt fence / clean up road in front.

Lot 14 - Please add curb and gutter inlet protection until the area by lot 14 is stabilized.

Lot 27 - OK

Lot 28 - Complete - RTC

Lot 29 - **Fix silt fence**

Lot 31 - silt fence OK / Paved driveway

Lot 34 - OK.

Lot 41 - OK.

Lot 42 - Complete - RTC

Lot 44 - Repair Silt fence

Lot 48 - Needs stone for construction entrance / Repair silt fence REPEAT STOP work order issued

Lot 78 - paved driveway / silt fence - OK

Lot 80 - Silt fence OK / **needs stone for construction entrance REPEAT**

Lot 81 - **Repair silt fence in back**

Lot 82 - CE - good

Lot 84 - OK

Lot 85 - OK

Lot 86 - OK

Lot 87 - **Repair silt fence and clean up CE**

Lot 88 - **Needs stone CE**

Lot 89 - Repair silt fence

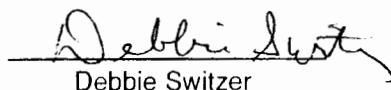
Lot 90 - Repair silt fence

Verbal notification given to: Talked with George

Completion deadlines:

2VH138

Report prepared by:


Debbie Switzer

Written notification given to: Vint Hill EDA
Dave Simons, Miller & Smith
George Rosenberger, K. Hovnanian

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EROSION & SEDIMENT CONTROL

INSPECTION REPORT

Project Name: **VINT HILL LANDBAY "G"**

File No.

Inspection Date: 12/21/04

Time: 10:25 AM

Inspected by: Debbie Switzer

STAGE OF CONSTRUCTION

Pre-construction Conference Rough Grading/Utilities ☒ Temporary Stabilization Finish Grading
Clearing and Grubbing Road Prep/Paving ☒ Building Construction Final Stabilization

| *State Regulation (section) | <input type="checkbox"/> if repeat violation | Problem location & description | Corrective action required | Deadline |
|-----------------------------|--|--------------------------------|----------------------------|----------|
| | | See below | | 12/27/04 |

COMMENTS: I talked with Tim Harms – they will install silt fence on the lower side of the trail where it is protected. They will seed and mulch after final grade.

Southerland Court is better, but still messy. Please shovel and clean the road.

Individual Lots (K. Hovnanian) –

Lot 13 – OK

Lot 14 – OK – **Please clean curb and gutter inlet protection in front of Lot 14.**

Lot 23 – Complete – RTC.

Lot 25 – Silt fence – OK / yard mulched

Lot 26 – Complete – Return to County

Lot 27 – **Repair silt fence / Needs stone for construction entrance.**

Lot 28 – **Repair silt fence /** Driveway is paved.

Lot 29 - **Repair silt fence**

Lot 31 – **Construction entrance needs stone.**

Lot 32 – **Construction entrance needs stone.**

Lot 33 – Complete – Return to County

Lot 34 – Construction entrance - good / **Needs silt fence REPEAT**

Lot 41 – OK

Lot 42 – Silt fence - OK / Drive way paved.

Lot 43 – **Complete - RTC.**

Lot 44 – **Needs more stone for construction entrance / Repair silt fence**

Lot 48 – Needs stone for construction entrance / Repair silt fence

Lot 78 – **Needs stone /** silt fence - Ok

Lot 82 – Construction entrance – good / **Needs silt fence behind it**

Lot 84 – Construction entrance - OK / **Repair silt fence behind lot. REPEAT**

Lot 85 – Construction entrance - OK

2VH139

Vint Hill Landbay G
12/21/04

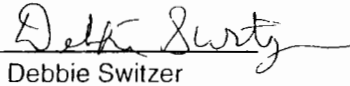
Lot 86 – OK
Lot 87 – Needs more stone on construction entrance
Lot 88 – Needs a construction entrance REPEAT
Lot 89 – Needs construction entrance REPEAT
Lot 90 – Repair silt fence.

Lots 35, 36, 37, 39, and 80 are not activated for inspection yet, but they all need construction entrances.

Verbal notification given to: Talked with Tommy and George

Completion deadlines: 12/27/04

Report prepared by:


Debbie Switzer

Written notification given to: Vint Hill EDA
Dave Simons, Miller & Smith
George Rosenberger, K. Hovnanian

2VH140

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EROSION & SEDIMENT CONTROL

INSPECTION REPORT

Project Name: **VINT HILL LANDBAY "G"**

File No.

Inspection Date: 12/8/04

Time: 11:45 AM

Inspected by: Debbie Switzer

STAGE OF CONSTRUCTION

Pre-construction Conference Rough Grading/Utilities ☒ Temporary Stabilization Finish Grading
Clearing and Grubbing Road Prep/Paving ☒ Building Construction Final Stabilization

| *State Regulation (section) | <input type="checkbox"/> if repeat violation | Problem location & description | Corrective action required | Deadline |
|-----------------------------|--|--------------------------------|----------------------------|----------|
| | | See below | | 12/15/04 |

COMMENTS: The trail between this section and the wetlands needs to be seeded and mulched ASAP.

Southerland Court is extremely messy. Please shovel and clean the road, install construction entrances for each lot and maintain the silt fence around the lots.

There are several curb and gutter inlets that are full and need to be replaced – Shugart Court and on Osborne Dr. near lot 27. Please also clean the road in front of these inlets.

Individual Lots (K. Hovnanian) –

Lot 13 – **Construction entrance needs more stone; repair silt fence REPEAT**

Lot 14 –

Lot 18 – complete - RTC

Lot 25 – **Needs sod or silt fence REPEAT**

Lot 27 – **Needs silt fence**

Lot 28 – Silt fence – OK / Construction entrance – good

Lot 29 – Silt fence – OK / **Construction entrance needs stone**

Lot 30 – Silt fence – OK / **Construction entrance needs stone**

Lot 31 – **Clean up around entrance**

Lot 32 – silt fence OK / **Needs construction entrance.**

Lot 33 – **Needs sod or silt fence.**

Lot 34 – Construction entrance - good / **Needs silt fence**

Lots 35 – 37 (Needs construction entrance / repair silt fence

Lot 41 – **Needs construction entrance and silt fence REPEAT**

Lot 38 – OK

Lot 39 – **Needs construction entrance**

Lot 40 – **Needs more stone**

Lot 41 – **Needs stone**

Lot 42 – **Repair silt fence / Clean up road in front.**

Lot 43 – **Repair silt fence / Clean up road in front.**

Lot 44 – **Needs more stone**

Lot 78 – **Use existing construction entrance and maintain silt fence.**

Lot 79 – **Needs stone for construction entrance**

Lot 80 – **needs construction entrance**

Lot 81 – **Maintain silt fence in front and back**

Lot 82 – **Needs silt fence behind it**

Lot 83 – **Needs silt fence**

Lot 84 – **Repair silt fence behind lot. REPEAT**

2VH141

Lot 85 – **Maintain silt fence / needs more stone.**
Lot 86 – **Repair silt fence / Construction entrance – OK**
Lot 87 – **Maintain silt fence / Needs more stone**
Lot 88 – **Needs a construction entrance**
Lot 89 – **Needs construction entrance**
Lot 90 – **Construction entrance needs more stone / maintain silt fence.**

Verbal notification given to: Talked with George and Tommy on site.

Completion deadlines: 12/15/04

Report prepared by: 
Debbie Switzer

Written notification given to: Vint Hill EDA
Dave Simons, Miller & Smith
George Rosenberger, K. Hovnanian

2VH142

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Vint Hill Landbay H
1/22/04

Miller & Smith Homes

Comrie Court is messy. Each lot needs an individual construction entrance and silt fence around the lot. The construction trailer needs more stone on entrance to prevent tracking.

Lot 9 - OK - RTC

Lot 10 - OK - RTC

Lot 11 - **Repair silt fence / Need more stone on entrance.**

Lot 12 - **Repair silt fence / construction entrance OK**

Lot 13 - **Repair silt fence / construction entrance needs stone**

Lot 14 - **Needs silt fence / construction entrance OK**

Lot 15 - **Repair silt fence / construction entrance -OK**

Lot 16 - **Repair silt fence / Needs construction entrance REPEAT**

Lot 17 - **Repair silt fence / Needs construction entrance REPEAT**

Lot 18 - **Repair silt fence / Needs construction entrance REPEAT**

Lot 75 - OK - RTC

Lot 76 - **Need silt fence in back corner. ***

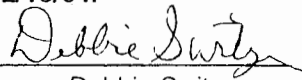
Lot 77 - OK

Lot 78 - silt fence - OK / **Construction entrance needs stone.**

rbal notification given to: Spoke with Nelson

Completion deadlines: 12/16/04.

Report prepared by:


Debbie Switzer

Written notification given to: Vint Hill EDA
Kevin Friel, Miller & Smith
Milton Seabolt, Engle Homes
Steve Bryson, Engle Homes
Nelson Green, Miller & Smith Homes

2VH143

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EROSION & SEDIMENT CONTROL

INSPECTION REPORT

Project Name: **VINT HILL LANDBAY "G"**

File No.

Inspection Date: 10/28/04

Time: 2:10 PM

Inspected by: Debbie Switzer

STAGE OF CONSTRUCTION

Pre-construction Conference Rough Grading/Utilities ☒ Temporary Stabilization Finish Grading
Clearing and Grubbing Road Prep/Paving ☒ Building Construction Final Stabilization

| *State Regulation (section) | <input type="checkbox"/> if repeat violation | Problem location & description | Corrective action required | Deadline |
|-----------------------------|--|--------------------------------|----------------------------|----------|
| | | See below | | |

COMMENTS: Please install construction entrance and silt fence for each lot. All equipment leaving the road must use stone construction entrances.

Individual Lots (K. Hovnanian) –

Lot 3 – **There is a bare area in back. Needs sod or seed and mulch. REPEAT**

Lot 12 – Complete - RTC

Lot 13 – Construction entrance OK; **repair silt fence**

Lot 14 – D/W entrance paved; silt fence OK

Lot 16 – Complete RTC

Lot 18 – Apron and side walk in.

Lot 20 – Complete - RTC

Lot 21 – Complete - RTC

Lot 22 – Complete - RTC

Lot 25 – **Repair silt fence ; dress up construction entrance**

Lot 28 – **Needs silt fence and Construction entrance REPEAT**

Lot 29 - **Needs construction entrance**

Lot 30 – **Needs construction entrance / repair silt fence**

Lot 31 – construction entrance good / **repair silt fence**

Lot 32 – **Reinstall silt fence / needs construction entrance**

Lot 33 – **repair silt fence**

Lot 34 – **Needs construction entrance / Needs silt fence REPEAT**

Lot 40 – **Needs construction entrance and silt fence**

Lot 41 – **Needs construction entrance and silt fence**

Lot 42 – Construction entrance OK / **Needs silt fence**

Lot 43 – **Needs construction entrance and silt fence REPEAT**

Lot 44 – **Needs construction entrance / silt fence OK**

Lot 78 – **Needs silt fence and construction entrance. Clean up road in front!**

Lot 84 – **Needs silt fence and construction entrance**

Lot 86 - **Need silt fence and construction entrance**

Lot 87 – **Needs construction entrance and silt fence**

Lot 90 – silt fence and construction entrance - OK

2VH144

Vinthill Landbay G
j2
10/28/04

Verbal notification given to: Spoke with Mr. Rosenburger on site

Completion deadlines: 11/5/04

Report prepared by: Debbie Switzer

Debbie Switzer

Written notification given to: Vint Hill EDA
Dave Simons, Miller & Smith
Butch Crouch, William A. Hazel, Inc.
George Rosenberger, K. Hovnanian

2VH145

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EROSION & SEDIMENT CONTROL

INSPECTION REPORT

Project Name: **VINT HILL LANDBAY "G"**

File No.

Inspection Date: 10/6/04

Time: 8:40 AM

Inspected by: Debbie Switzer

STAGE OF CONSTRUCTION

Pre-construction Conference Rough Grading/Utilities ☒ Temporary Stabilization Finish Grading
Clearing and Grubbing Road Prep/Paving ☒ Building Construction Final Stabilization

| *State Regulation (section) | <input type="checkbox"/> if repeat violation | Problem location & description | Corrective action required | Deadline |
|-----------------------------|--|--------------------------------|----------------------------|----------|
| | | See below | | |

COMMENTS: There are many new lots opening up. Please install construction entrance and silt fence for each lot. All equipment leaving the road must use stone construction entrances.

Individual Lots (K. Hovnanian) –

Lot 2 – Complete RTC
Lot 3 – **There is a bare area in back. Needs sod or seed and mulch. REPEAT**
Lot 12 – **Repair silt fence.**
Lot 13 – Not started yet. **Need construction entrance; repair silt fence**
Lot 14 - Construction entrance - OK; **Repair silt fence**
Lot 15 – Complete - RTC
Lot 16 – driveway paved; yard mostly sodded. Some disturbance in back
Lot 17 - Complete - RTC
Lot 18 – **Put up silt fence or extend stone – REPEAT**
Lot 20 – **Needs construction entrance and silt fence - REPEAT**
Lot 21 - **Repair silt fence**
Lot 22 – Paving sidewalk / **install silt fence or sod.**
Lot 24 – Complete – RTC
Lot 25 – **Repair silt fence ; Construction entrance needs stone**
Lot 28 – **Needs silt fence and Construction entrance**
Lot 31 – **Needs silt fence and construction entrance**
Lot 33 – **Clean up construction entrance / repair silt fence**
Lot 34 – **Needs construction entrance / Needs silt fence**
Lot 42 – **Needs construction entrance / Needs silt fence**
Lot 43 – **Needs construction entrance and silt fence**
Lot 78 – Not started yet. Will need silt fence and construction entrance
Lot 84 - Not started yet. Will need silt fence and construction entrance
Lot 86 - Not started yet. Will need silt fence and construction entrance
Lot 91 - Complete - RTC
Lot 93 – paved / silt fence OK
Lot 94 – paved / silt fence OK
Lot 95 – **Needs silt fence or sod**
Lot 96 - Complete - RTC.
Lot 97 – Complete – RTC

2VH146

EROSION & SEDIMENT CONTROL

INSPECTION REPORT

Project Name: **VINT HILL LANDBAY "G"**

File No.

Inspection Date: 9/9/04

Time: 11:25 AM

Inspected by: Debbie Switzer

STAGE OF CONSTRUCTION

- ☐ Pre-construction Conference ☐ Rough Grading/Utilities ☒ Temporary Stabilization ☐ Finish Grading
☐ Clearing and Grubbing ☐ Road Prep/Paving ☒ Building Construction ☐ Final Stabilization

| *State Regulation (section) | <input type="checkbox"/> if repeat violation | Problem location & description | Corrective action required | Deadline |
|-----------------------------|--|--------------------------------|----------------------------|----------|
| | — | See below | | 9/17/04 |

COMMENTS: The cul-de-sac area at Shugart Ct. is very messy. Clean up the road and install silt fence and construction entrances.

Individual Lots (K. Hovnanian) –

- Lot 2 – Silt fence – OK / They are getting ready to pave the sidewalk and driveway.
Lot 3 – **There is a bare area in back. Needs sod or seed and mulch.**
Lot 9 – Complete - RTC
Lot 12 – **construction entrance needs stone;** silt fence OK
Lot 13 – **construction entrance needs stone;** silt fence OK
Lot 14 – **Construction entrance needs stone;** silt fence OK
Lot 15 – paved and sodded. – **Bare area in back. Need to sod or seed and mulch.**
Lot 16 – the sidewalk is in, **sod or seed and mulch or put the silt fence back up.**
Lot 17 – **Clean up construction entrance; Needs silt fence**
Lot 18 – **Clean up construction entrance; Needs silt fence**
Lot 19 – Complete - RTC
Lot 20 – **Needs construction entrance and silt fence**
Lot 21 – Silt fence OK; Construction entrance - OK
Lot 22 – Silt fence OK; Construction entrance - OK
Lot 24 – Silt fence OK; Construction entrance - OK
Lot 25 – Silt fence OK; **Construction entrance needs stone**
Lot 33 – Not started yet. **Needs construction entrance and silt fence**
Lot 43 – Digging out basement. **Needs construction entrance and silt fence**
Lot 91 – **construction entrance needs stone;** silt fence OK
Lot 93 – silt fence –OK; **Construction entrance needs stone.**
Lot 94 – silt fence OK
Lot 95 – **Tack up silt fence**
Lot 96 – **Tack up silt fence ; construction entrance needs stone.**

Verbal notification given to: Spoke with Mr. Rosenburger on site – They will clean up Lots 17 & 18 today.

Completion deadlines: 9/17/04

2VH147

Report prepared by: _____
Debbie Switzer

Written notification given to: Vint Hill EDA
Dave Simons, Miller & Smith
Butch Crouch, William A. Hazel, Inc.
George Rosenberger, K. Hovnanian

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Lot 68 – No work started yet.
Lot 23 – Construction entrance OK; silt fence OK
Lot 24 – Construction entrance OK; silt fence OK
Lot 25 – Construction entrance – OK; Silt fence OK
Lot 26 – silt fence OK - **Can have only one construction entrance – close off one opening with silt fence.**
Lot 71 – Silt fence OK – Construction entrance - OK

Miller & Smith Homes

Lot 7 – complete – Return to County
Lot 8 – complete – Return to County
Lot 9 - **Construction entrance needs more stone;** silt fence - OK
Lot 10 – **Needs stone for construction entrance- REPEAT.** Silt fence OK
Lot 74 – complete – Return to County
Lot 75 – **Tack up silt fence** / construction entrance- OK
Lot 76 – silt fence – OK/ construction entrance - OK

Verbal notification given to:

Completion deadlines: 9/17/04

Report prepared by: _____
Debbie Switzer

Written notification given to: Vint Hill EDA
Kevin Friel, Miller & Smith
Butch Crouch, William A. Hazel, Inc.
Tom Cummings, Engle Homes
Nelson Green, Miller & Smith Homes
Calvin Hardin (e-mail)

2VH148

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EROSION & SEDIMENT CONTROL

INSPECTION REPORT

Project Name: **VINT HILL LANDBAY "G"**

File No.

Inspection Date: 8/11/04

Time: 12:10 PM

Inspected by: Debbie Switzer

STAGE OF CONSTRUCTION

Pre-construction Conference Rough Grading/Utilities ☒ Temporary Stabilization Finish Grading
Clearing and Grubbing Road Prep/Paving ☒ Building Construction Final Stabilization

| *State Regulation (section) | <input type="checkbox"/> if repeat violation | Problem location & description | Corrective action required | Deadline |
|-----------------------------|--|--------------------------------|----------------------------|----------|
| | | See below | | 8/20/04 |

COMMENTS: Overall the site looks pretty good. See notes below.

Individual Lots (K. Hovnanian) –

Lot 2 – Silt fence – OK / Construction Entrance - OK
Lot 5 – paved and sodded – Return to County
Lot 8 – Complete - RTC
Lot 9 – **seed and mulch or put up silt fence**
Lot 12 – construction entrance OK; silt fence OK
Lot 13 – **construction entrance needs stone**; silt fence OK
Lot 14 – Construction entrance OK; silt fence OK
Lot 15 – paved and sodded.
Repair the drop inlet protection behind this lot
Lot 16 – **Needs construction entrance**; silt fence OK.
Lot 17 - **Clean up construction entrance; tack up silt fence.**
Lot 18 – **Clean up construction entrance**; silt fence OK
Lot 19 – Construction entrance OK
Lot 20 – Construction entrance OK
Lot 21 - **Needs silt fence in front.**
Lot 22 – **Needs silt fence in front**
Lot 24 – **Clean up road in front**
Lot 25 – **Tack up silt fence**
Lot 91 - construction entrance – OK; silt fence OK
Lot 93 – **tack up silt fence**
Lot 94 – **Tack silt fence up.**
Lot 95 – **Tack up silt fence**
Lot 96 - Silt fence –OK; construction entrance OK
Lot 97 – Return to county
Lot 98 – Return to county
Lot 99 – **Needs silt fence at lower end or sod**

2VH149

EROSION & SEDIMENT CONTROL

INSPECTION REPORT

Project Name: **VINT HILL LANDBAY "G"**

File No.

Inspection Date: 7/26/04

Time: 10:15 AM

Inspected by: Debbie Switzer

STAGE OF CONSTRUCTION

Pre-construction Conference Rough Grading/Utilities ☒ Temporary Stabilization Finish Grading
Clearing and Grubbing Road Prep/Paving ☒ Building Construction Final Stabilization

| *State Regulation (section) | <input type="checkbox"/> if repeat violation | Problem location & description | Corrective action required | Deadline |
|-----------------------------|--|--------------------------------|----------------------------|----------|
| | | | | |

COMMENTS: Shugart Court is looking much better. Construction entrances are in and the road is cleaner.

The following violations need to be corrected:

- There are several repeat violations noted below. Stop work orders will be issued next time if the problems are not addressed.
- Maintain / replace curb and gutter inlet protections throughout site.

Individual Lots (K. Hovnanian) – All entrances used by construction traffic **MUST** have a stone construction entrance

Lot 2 – clean up around construction entrance and repair silt fence.

Lot 5 – repair silt fence on site (REPEAT)

Lot 8 – Complete - RTC

Lot 9 – Needs silt fence (REPEAT)

Lot 10 – Complete - RTC

Lot 11 – Complete - RTC

Lot 14 – repair construction entrance – Needs more stone– clean up mud on road (REPEAT!) There is a crew on site installing silt fence and the stone is on the way.

Lot 15 – repair silt fence, (REPEAT)

Lot 16 – Needs silt fence and construction entrance.

Lot 17 – Needs a construction entrance – add stone and silt fence (REPEAT)

Lot 19 – Need to clean road in front and replace curb & gutter inlet protection.

Lot 21 – add stone on construction entrance (REPEAT)

Lot 22 – add stone to entrance (REPEAT)

Lot 23 – Complete - RTC

Lot 24 – Construction entrance – OK; repair silt fence

Lot 25 – Maintain silt fence

Lot 91 – construction entrance – OK; maintain silt fence

Lot 93 – silt fence – OK

Lot 94 – Tack silt fence up.

Lot 95 –

Lot 96 – Silt fence –OK; construction entrance OK

2VH150

Verbal notification given to: Spoke with Mr. Rosenburger on site. Crews are on site putting up silt fence and stone for construction entrances have been ordered.

Completion deadlines: 8/2/04

Report prepared by: Debbie Switzer
Debbie Switzer

Written notification given to: Vint Hill EDA
Dave Simons, Miller & Smith
Butch Crouch, William A. Hazel, Inc.
George Rosenberger, K. Hovnanian

2VH151

From the desk of...
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EROSION & SEDIMENT CONTROL

INSPECTION REPORT

Project Name: **VINT HILL LANDBAY "G"**

File No.

Inspection Date: 7/1/04

Time: 12:10 PM

Inspected by: Debbie Switzer

STAGE OF CONSTRUCTION

Pre-construction Conference Rough Grading/Utilities ☒ Temporary Stabilization Finish Grading
Clearing and Grubbing ☒ Road Prep/Paving ☒ Building Construction Final Stabilization

| *State Regulation (section) | <input type="checkbox"/> if repeat violation | Problem location & description | Corrective action required | Deadline |
|-----------------------------|--|--------------------------------|----------------------------|----------|
| | | | | 7/12/04 |

COMMENTS: All of the roads in this section are extremely messy. There is heavy tracking from the stock pile between lots 41 & 42.

The following violations need to be corrected:

1. **MS-17** – Shugart Court is still extremely messy. **(K. Hovnanian) REPEAT**
 - Roads need to be scraped/swept
 - All silt fence needs to be repaired/re-installed
 - Construction entrances need to be fixed up.
 - Add a construction entrance to the stock pile.

Individual Lots (K. Hovnanian) – All entrances used by construction traffic **MUST** have a stone construction entrance

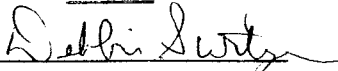
- Lot 2 – entrance and silt fence OK
- Lot 4 – Return to County
- Lot 5 – entrance OK, repair silt fence on site (REPEAT)
- Lot 6 – lot sodded- Return to County
- Lot 7 – lot sodded- Return to County
- Lot 8 – Needs silt fence
- Lot 9 – Needs silt fence
- Lot 10 – entrance and silt fence OK
- Lot 11 – entrance and silt fence OK
- Lot 14 – repair construction entrance – clean up mud on road (REPEAT)
- Lot 15 – repair silt fence, (REPEAT)
- Lot 16 – They are getting to pave entrance
- Lot 17 - Needs a construction entrance – add stone and silt fence
- Lot 19 – install silt fence and clean up construction entrance
- Lot 21 - add stone on construction entrance
- Lot 22 – add stone to entrance (REPEAT)
- Lot 23 – entrance and silt fence OK
- Lot 24 – add #3 stone to entrance – used by traffic – clean up mud off roads, Tack up silt fence REPEAT
- Lot 26 – Return to County
- Lot 91 - Needs construction entrance, tack up silt fence
- Lot 96 - Needs construction entrance
- Lot 97 - Return to County

2VH152

Verbal notification given to:

Completion deadlines: 7/12/04

Report prepared by:


Debbie Switzer

Written notification given to: Vint Hill EDA
Dave Simons, Miller & Smith
Butch Crouch, William A. Hazel, Inc.
George Rosenberger, K. Hovnanian

2VH153

From the desk of...
Debbie Switzer
E&S Control Specialist
John Marshall SWCD
98 Alexandria Pike, Suite 31
Warrenton, VA 20186

(540) 347-3120 ext 3
Fax: (540) 349-0878

EROSION & SEDIMENT CONTROL**INSPECTION REPORT**Project Name: VINT HILL LANDBAY "G"

File No. _____

Inspection Date: 3/18/04Time: 11:00 AMInspected by: Mike Blake**STAGE OF CONSTRUCTION**

Pre-construction Conference Rough Grading/Utilities ☒ Temporary Stabilization Finish Grading
 Clearing and Grubbing ☒ Road Prep/Paving ☒ Building Construction Final Stabilization

| *State Regulation (section) | <input type="checkbox"/> if repeat violation | Problem location & description | Corrective action required | Deadline |
|-----------------------------|--|--------------------------------|----------------------------|----------|
| | | | | |

COMMENTS: Seeding and mulching of the majority of the disturbed areas has been completed and looks good. With the exception of the areas draining to sediment basin #1, most areas on site have been seeded and mulched. Flushing of waterlines underway on site. Need to keep Mauchley Court and Osborne Drive clean. Keep inlet protections cleaned out.

The following violations need to be corrected:

1. MS-17 – Add stone to construction entrance onto Osborne Court.

The following violations have been corrected:

2. MS-11 – Silt fence has been installed around storm sewer outfall structure <38>.
3. MS-4 – Silt fence below lots 71 & 72 is in place and holding well.

Individual Lots (K. Hovnanian)

Lot 3 – entrance and silt fence OK

Lot 4 – entrance and silt fence OK

Lot 5 – install silt fence in front, block off entrance with silt fence or install construction entranceLot 6 – install silt fence along front of lot, add stone to construction entranceLot 7 – install silt fence along front and back of lot, install construction entrance with #3 stone

Lot 97 – entrance and silt fence OK

Lot 99 – entrance and silt fence OK

Verbal notification given to: Kevin FrielCompletion deadlines: 3/31/04Report prepared by: Mike Blake

Mike Blake

Written notification given to: Vint Hill EDA
 Kevin Friel, Miller & Smith
 Butch Crouch, William A. Hazel, Inc.
 George Rosenberger, K. Hovnanian

2VH154

From the desk of...
 Mike Blake
 E&S Program Manager
 John Marshall SWCD
 98 Alexandria Pike, Suite 31
 Warrenton, VA 20186

(540) 347-3120
 Fax: (540) 349-0878

EROSION & SEDIMENT CONTROL

INSPECTION REPORT

Project Name: VINT HILL LANDBAY "G"

File No. _____

Inspection Date: 2/25/04Time: 2:30 PMInspected by: Mike Blake

STAGE OF CONSTRUCTION

Pre-construction Conference Rough Grading/Utilities ☒ Temporary Stabilization Finish Grading
 Clearing and Grubbing ☒ Road Prep/Paving ☒ Building Construction Final Stabilization

| *State Regulation (section) | <input type="checkbox"/> if repeat violation | Problem location & description | Corrective action required | Deadline |
|-----------------------------|--|--------------------------------|----------------------------|----------|
| | | | | |

COMMENTS: Sediment basin #2 was removed – channel constructed. Super silt fence and rock check dam in place.

The following violations need to be corrected:

1. **MS-11** – Install rip rap outlet protection at storm sewer outfall structure <38> into stream channel. Install silt fence, per approved plan, around culvert outlet. Seed and mulch all disturbed areas leading into channel. **(REPEAT VIOLATION)**
 - **2/25** – Rip rap outlet protection has been installed, however silt fence has not been installed and the areas have not been seeded and mulched.
2. **MS-17** – Add stone to construction entrance onto Osborne Court.
3. **MS-4** – Sediment traps on lots 71 & 72 have been removed. Make sure all silt fence is up and in good condition.
4. **MS-17** – Pumping underway out of sediment trap on lot 54. **ALL PUMPING MUST USE A SILT BAG TO FILTER THE WATER.** Any future violations may result in a Stop Work Order on the project.

The following violations have been corrected:

5. **MS-11** – Rip rap has been placed along channel to pumpstation.
6. **MS-11** – Rip rap outlet protection has been installed at storm sewer outfall into sediment basin #1.

Individual Lots (K. Hovnanian)

- Lot 3 – reinstall silt fence, install construction entrance with #3 stone
 Lot 6 – install silt fence along front and back of lot, install construction entrance with #3 stone
 Lot 7 – install silt fence along front and back of lot, install construction entrance with #3 stone
 Lot 97 – maintain silt fence and entrance
 Lot 99 – maintain silt fence and entrance

Verbal notification given to: Kevin Friel, George RosenbergerCompletion deadlines: 3/10/04Report prepared by: Michael A. Blake
Mike Blake

2VH155

Written notification given to: Vint Hill EDA
 Kevin Friel, Miller & Smith
 Butch Crouch, William A. Hazel, Inc.
 George Rosenberger, K. Hovnanian

From the desk of...
 Mike Blake
 E&S Program Manager
 John Marshall SWCD
 98 Alexandria Pike, Suite 31
 Warrenton, VA 20186

(540) 347-3120
 Fax: (540) 349-0878

EROSION & SEDIMENT CONTROL**INSPECTION REPORT**Project Name: **VINT HILL LANDBAY "G"**

File No. _____

Inspection Date: **2/2/04**Time: **11:30 AM**

Inspected by: _____

Mike Blake**STAGE OF CONSTRUCTION**

Pre-construction Conference Rough Grading/Utilities ☒ Temporary Stabilization Finish Grading
 Clearing and Grubbing ☒ Road Prep/Paving ☒ Building Construction Final Stabilization

| *State Regulation (section) | <input type="checkbox"/> if repeat violation | Problem location & description | Corrective action required | Deadline |
|-----------------------------|--|--------------------------------|----------------------------|----------|
| | | | | |

COMMENTS: Site snow covered. Work underway on sanitary sewer lines Averbach Court.**The following violations need to be corrected:**

- MS-11** – Channel to pumpstation has been constructed. However soil stabilization matting is required in the bottom of the channel since the existing rip rap is no longer being used. **(REPEAT VIOLATION)**
 - 2/2** – Silt fence has been repaired. Rip rap still needs to be placed in channel.
- MS-11** – Install rip rap outlet protection at storm sewer outfall into sediment basin #1. **(REPEAT VIOLATION)**
 - 2/2** – Not yet completed.
- MS-11** – Install rip rap outlet protection at storm sewer outfall structure <38> into stream channel. Install silt fence, per approved plan, around culvert outlet. Seed and mulch all disturbed areas leading into channel. **(REPEAT VIOLATION)**
 - 2/2** – Not yet completed.
- MS-4** – Install/repair silt fence below lot 72.
- MS-17** – Maintain construction entrance onto Osborne Court. Muddy from vehicular traffic.

The following violations need to be corrected:

- MS-1** – The following areas have been seeded and mulched:
 - Lots 12-26
 - Lots 91-94

Individual Lots (K. Hovnanian)

Lot 3 – inactive

Lot 4 – inactive

Lot 97 – add VDOT #3 stone to construction entrance, repair silt fence

Lot 99 – add VDOT #3 stone to construction entrance, repair silt fence

Verbal notification given to: Faxed to Kevin FrielCompletion deadlines: **PASSED**Report prepared by: Michael W. Blake

Mike Blake

Written notification given to: Vint Hill EDA
 Kevin Friel, Miller & Smith
 Butch Crouch, William A. Hazel, Inc.
 George Rosenberger, K. Hovnanian

2VH156

From the desk of...
 Mike Blake
 E&S Program Manager
 John Marshall SWCD
 98 Alexandria Pike, Suite 31
 Warrenton, VA 20188

(540) 347-3120
 Fax: (540) 349-0878

Lot 67 - install silt fence along road and lot 68, install construction entrance
Lot 70 - maintain construction entrances and silt fence
Lot 72 - maintain construction entrances and silt fence
Lot 73 - foundation in place, maintain silt fence and construction entrance

Verbal notification given to: Junior, Faxed to Kevin Friel

Completion deadlines: PASSED

Report prepared by: Mike W. Blake
Mike Blake

Written notification given to: Vint Hill EDA
Kevin Friel, Miller & Smith
Butch Crouch, William A. Hazel, Inc.
Tom Cummings, Engle Homes

2VH157

From the desk of...
Mike Blake
E&S Program Manager
John Marshall SWCD
98 Alexandria Pike, Suite 31
Warrenton, VA 20188

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Fax: (540) 348-0878



**John Marshall
Soil & Water Conservation
District**
Commonwealth of Virginia



98 Alexandria Pike, Suite 31, Warrenton, VA 20186-2849
(540) 347-3120

January 5, 2004

Kevin Friel
Miller & Smith
P.O. Box 861456
Warrenton, VA 20187-1456

Re: Vint Hill, Landbay's "G" and "H"

Dear Mr. Friel:

The most recent Erosion and Sediment Control Inspection of the property (report attached) reveals the previously recorded problems have not been corrected. Violations of the *Virginia Erosion and Sediment Control Law* cited on the last inspection report, dated 11/24/03, and new violations identified in the 12/30/03 report, include the following:

Landbay "G"

- **Minimum Standard 1 states that permanent soil stabilization shall be applied to denuded areas within seven days after final grade is reached on any portion of the site. Temporary soil stabilization shall be applied within seven days to denuded areas that may not be at final grade but will remain dormant for longer than 30 days. Several areas identified on the attached report must be stabilized.**
- **Minimum Standard 11 states that before newly constructed stormwater conveyance channels or pipes are made operational, adequate outlet protection and any required temporary or permanent channel lining shall be installed in both the conveyance channel and receiving channel. Outlet protection and soil stabilization matting must be installed as outlined in the attached inspection report.**

Landbay "H"

- **Minimum Standard 1 states that permanent soil stabilization shall be applied to denuded areas within seven days after final grade is reached on any portion of the site. Temporary soil stabilization shall be applied within seven days to denuded areas that may not be at final grade but will remain dormant for longer than 30 days. Several areas identified on the attached report must be stabilized.**

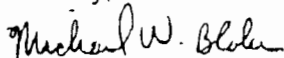
2VH158



- **Minimum Standard 4** states that "sediment basins and traps, perimeter dikes, sediment barriers and other measures intended to trap sediment shall be constructed as a first step in any land disturbing activity and shall be made functional before upslope land disturbance takes place." Silt fence and diversion dikes need to be fixed according to the attached inspection report.
- **Minimum Standard 10** states that all storm sewer inlets that are made operational during construction must be protected. Clean out and repair all culvert and storm drain inlet protections.
- **Minimum Standard 11** states that before newly constructed stormwater conveyance channels or pipes are made operational, adequate outlet protection and any required temporary or permanent channel lining shall be installed in both the conveyance channel and receiving channel. Rip rap and soil stabilization matting must be installed as outlined in the attached inspection report.
- **Minimum Standard 15** states that "the bed and banks of a watercourse shall be stabilized immediately after work in the watercourse is completed." Install soil stabilization matting as outlined in the attached inspection report.

Please consider this a **Notice of Violation**. Failure to meet the requirements of the above Minimum Standards by 1/19/04 may result in a **Stop Work Order**. If you have any questions regarding this notice, or require assistance in meeting these specifications, please call.

Sincerely,



Mike Blake
E&S Program Manager

Cc: Christer Carshult, Office of Community Development
Laura Edmonds, Office of Community Development

2VH159

EROSION & SEDIMENT CONTROL

INSPECTION REPORT

Project Name: VINT HILL LANDBAY "G"

File No. _____

Inspection Date: 12/30/03

Time: 10:30 AM

Inspected by: Mike Blake

STAGE OF CONSTRUCTION

☐ Pre-construction Conference

☒ Rough Grading

☐ Finish Grading

☒ Clearing and Grubbing

☐ Building Construction

☐ Final Stabilization

| *State Regulation (section) | <input type="checkbox"/> if repeat violation | Problem location & description | Corrective action required | Deadline |
|-----------------------------|--|--------------------------------|----------------------------|----------|
| | | | | |

COMMENTS: Second round of paving has occurred up to the end of Phase 1 (lots 91 and 26). Construction entrance placed at the end of Osborne Drive. Basin #1 appears to have been pumped down for storm sewer construction. More rip rap has been placed at the SWM Pond #6 outfall channel at the request of the neighboring landowner.

The following violations need to be corrected:

- MS-11** – Channel to pumpstation has been constructed. However soil stabilization matting is required in the bottom of the channel since the existing rip rap is no longer being used. **(REPEAT VIOLATION)**
 - 12/30** – More disturbance has occurred along this channel due to recent rip rap placement. All disturbed areas must be seeded and mulched. Silt fence at edge of disturbance on "G" has been run over and needs to be re-installed.
- MS-1** – All areas that will remain dormant for longer than 30 days must be stabilized with temporary seed and mulch. The following areas appear to meet this criteria and must be seeded and mulched:
 - Lots 12-26
 - Lots 91-94
- MS-11** – Install rip rap outlet protection at storm sewer outfall into sediment basin #1.
- MS-11** – Install rip rap outlet protection at storm sewer outfall structure <38> into stream channel. Install silt fence, per approved plan, around culvert outlet. Seed and mulch all disturbed areas leading into channel.

Individual Lots (K. Hovnanian)

Lot 3 – install silt fence and construction entrance

Lot 4 – install silt fence and construction entrance

Lot 97 – foundation in place, repair silt fence, install construction entrance

Lot 99 – foundation in place, repair silt fence, install construction entrance

Verbal notification given to: Faxed to Kevin Friel

Completion deadlines: **PASSED**

Report prepared by: *Michael W. Blake*

Mike Blake

2VH160

Written notification given to: Vint Hill EDA
Kevin Friel, Miller & Smith
Butch Crouch, William A. Hazel, Inc.
George Rosenberger, K. Hovnanian

From the desk of...
Mike Blake
E&S Program Manager
John Marshall SWCD
98 Alexandria Pike, Suite 31
Warrenton, VA 20186

(540) 347-3120
Fax: (540) 349-0878

EROSION & SEDIMENT CONTROL

INSPECTION REPORT

Project Name: VINT HILL LANDBAY "G"

File No. _____

Inspection Date: 11/24/03Time: 1:30 PM

Inspected by: _____

Mike Blake

STAGE OF CONSTRUCTION

Pre-construction Conference

☒ Rough Grading

Finish Grading

☒ Clearing and Grubbing

Building Construction

Final Stabilization

| *State Regulation (section) | <input type="checkbox"/> if repeat violation | Problem location & description | Corrective action required | Deadline |
|-----------------------------|--|--------------------------------|----------------------------|----------|
| | | | | |

COMMENTS: All lots that are at final grade need to be seeded and mulched as soon as possible. Storm sewer being constructed along Sutherland Court.

The following violations need to be corrected:

1. **MS-11** – Channel to pumpstation has been constructed and all disturbed areas seeded and mulched. However soil stabilization matting is required in the bottom of the channel since the existing rip rap is no longer being used.

The following violations have been corrected:

2. **MS-1** – Waterline crossing to Landbay "F" has been seeded and mulched. Grass starting to come up.
3. **MS-4** – Silt fence below sediment trap #4 has been repaired.
4. **MS-10** – Curb and drop inlet protections have been cleaned out.

"The growing season is quickly coming to an end. Therefore it is CRITICAL that all disturbed areas that can be seeded and mulched are done so immediately."

Verbal notification given to: Faxed to Kevin FrielCompletion deadlines: PASSED

Report prepared by: _____

Mike Blake

Written notification given to: Vint Hill EDA
Kevin Friel, Miller & Smith
Butch Crouch, William A. Hazel, Inc.

From the desk of...
Mike Blake
E&S Program Manager
John Marshall SWCD
98 Alexandria Pike, Suite 31
Warrenton, VA 20186

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Fax: (540) 349-0878

2VH161

EROSION & SEDIMENT CONTROL

INSPECTION REPORT

Project Name: VINT HILL LANDBAY "G"
Inspection Date: 10/30/03 Time: 10:30 AM

File No. _____
Inspected by: Mike Blake

STAGE OF CONSTRUCTION

Pre-construction Conference ☐ Rough Grading Finish Grading
☒ Clearing and Grubbing Building Construction Final Stabilization

| *State Regulation (section) | <input type="checkbox"/> if repeat violation | Problem location & description | Corrective action required | Deadline |
|-----------------------------|--|--------------------------------|----------------------------|----------|
| | | | | |

COMMENTS: Some of the items from the Notice of Violation dated 10/17/03 have been addressed, however not all of the violations have been corrected. To avoid a **STOP WORK ORDER** on this project, the following violations must be addressed immediately.

Lots 1-4, 9-11 and 97-100 have been seeded and mulched. Areas along Cray Drive have also been seeded and mulched. Looks very good.

The following violations need to be corrected:

- MS-1** – Sanitary sewer line has been constructed from pumpstation to Sutherland Court. All disturbed areas along sanitary line, particularly from sediment trap #4 to the pumpstation, must be seeded and mulched and stabilized with rip rap (as shown on the plan). **(REPEAT VIOLATION)**
 - 10/30** – Topsoil currently being deposited on easement. Channel is being constructed. Complete work and stabilize with seed, mulch and rip rap in channel.
- MS-1** – Waterline crossing to Landbay "F" complete. Seed and mulch all disturbed areas immediately. **(REPEAT VIOLATION)**
 - 10/30** – In discussions with Junior on October 21st, he indicated that a gas line still had to be constructed through this easement. I told him that if this was the case, then they would need to install silt fence on both sides of the stream crossing. Silt fence not yet installed. **Install silt fence or seed and mulch all disturbed areas.**
- MS-4** – Repair silt fence below sediment trap #4. **(REPEAT VIOLATION)**
 - 10/30** – Silt fence still in disrepair.
- MS-10** – Clean out all curb and drop inlet protections.

2VH162

The following violations have been corrected:

- MS-17** – Construction entrances will be installed at the end of the pavement after the next sections are paved.
- MS-1** – All disturbed areas along Cray Drive and Rogues Road have been seeded and mulched.

****The growing season is quickly coming to an end. Therefore it is CRITICAL that all disturbed areas that can be seeded and mulched are done so immediately. ****

Verbal notification given to: Faxed to Kevin Friel

Completion deadlines: PASSED

Report prepared by: Michael W. Blake
Mike Blake

From the desk of...
Mike Blake
E&S Program Manager
John Marshall SWCD
98 Alexandria Pike, Suite 31
Warrenton, VA 20186

(540) 347-3120
Fax: (540) 349-0878

EROSION & SEDIMENT CONTROL

INSPECTION REPORT

Project Name: VINT HILL LANDBAY "G"

File No. _____

Inspection Date: 10/30/03Time: 10:30 AMInspected by: Mike Blake

STAGE OF CONSTRUCTION

☐ Pre-construction Conference☒ Rough Grading

Finish Grading

☒ Clearing and Grubbing

Building Construction

Final Stabilization

| *State Regulation (section) | <input type="checkbox"/> if repeat violation | Problem location & description | Corrective action required | Deadline |
|-----------------------------|--|--------------------------------|----------------------------|----------|
| | | | | |

COMMENTS: Some of the items from the Notice of Violation dated 10/17/03 have been addressed, however not all of the violations have been corrected. To avoid a **STOP WORK ORDER** on this project, the following violations must be addressed immediately.

Lots 1-4, 9-11 and 97-100 have been seeded and mulched. Areas along Cray Drive have also been seeded and mulched. Looks very good.

The following violations need to be corrected:

- MS-1** – Sanitary sewer line has been constructed from pumpstation to Sutherland Court. All disturbed areas along sanitary line, particularly from sediment trap #4 to the pumpstation, must be seeded and mulched and stabilized with rip rap (as shown on the plan). **(REPEAT VIOLATION)**
 - 10/30** – Topsoil currently being deposited on easement. Channel is being constructed. Complete work and stabilize with seed, mulch and rip rap in channel.
- MS-1** – Waterline crossing to Landbay "F" complete. Seed and mulch all disturbed areas immediately. **(REPEAT VIOLATION)**
 - 10/30** – In discussions with Junior on October 21st, he indicated that a gas line still had to be constructed through this easement. I told him that if this was the case, then they would need to install silt fence on both sides of the stream crossing. Silt fence not yet installed. **Install silt fence or seed and mulch all disturbed areas.**
- MS-4** – Repair silt fence below sediment trap #4. **(REPEAT VIOLATION)**
 - 10/30** – Silt fence still in disrepair.
- MS-10** – Clean out all curb and drop inlet protections.

2VH163

The following violations have been corrected:

- MS-17** – Construction entrances will be installed at the end of the pavement after the next sections are paved.
- MS-1** – All disturbed areas along Cray Drive and Rogues Road have been seeded and mulched.

"The growing season is quickly coming to an end. Therefore it is CRITICAL that all disturbed areas that can be seeded and mulched are done so immediately."

Verbal notification given to: Faxed to Kevin FrielCompletion deadlines: PASSEDReport prepared by: Michael W. Blake

Mike Blake

From the desk of...
Mike Blake
E&S Program Manager
John Marshall SWCD
98 Alexandria Pike, Suite 31
Warrenton, VA 20186

(540) 347-3120
Fax: (540) 349-0878



John Marshall Soil & Water Conservation District

Commonwealth of Virginia



98 Alexandria Pike, Suite 31, Warrenton, VA 20186-2849
(540) 347-3120

October 17, 2003

Kevin Friel
Miller & Smith
P.O. Box 861456
Warrenton, VA 20187-1456

Re: Vint Hill, Landbay's "G" and "H"

Dear Mr. Friel:

The most recent Erosion and Sediment Control Inspection (10/17/03) of the property reveals the previously recorded problems requiring corrective action remained unchanged. Violations of the *Virginia Erosion and Sediment Control Law* cited on the last inspection report, dated 9/17/03, include the following:

Landbay "G"

- **Minimum Standard 1 states that permanent soil stabilization shall be applied to denuded areas within seven days after final grade is reached on any portion of the site. Temporary soil stabilization shall be applied within seven days to denuded areas that may not be at final grade but will remain dormant for longer than 30 days. Several areas identified on the attached report should have already been stabilized. These areas must be stabilized immediately due to the end of the growing season.**
- **Minimum Standard 17 states that "where construction vehicle access routes intersect paved or public roads, provisions shall be made to minimize the transport of sediment by vehicular tracking onto the paved surface." Construction entrances must be installed at the end of all paved surfaces.**

Landbay "H"

- **Minimum Standard 1 states that permanent soil stabilization shall be applied to denuded areas within seven days after final grade is reached on any portion of the site. Temporary soil stabilization shall be applied within seven days to denuded areas that may not be at final grade but will remain dormant for longer than 30 days. Several areas identified on the attached report should have already been stabilized. These areas must be stabilized immediately due to the end of the growing season.**

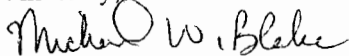
2VH164



- **Minimum Standard 6 states that sediment traps and basins shall be designed and constructed based upon drainage area served by the trap.** Sediment basin #1 has been driven over and disturbed. Reconstruct emergency spillway to appropriate dimensions, and seed and mulch all disturbed areas behind the basin and diversion dikes.
- **Minimum Standard 11 states that before newly constructed stormwater conveyance channels or pipes are made operational, adequate outlet protection and any required temporary or permanent channel lining shall be installed in both the conveyance channel and receiving channel.** Rip rap is needed at the natural stream channel outfall just above the current rip rap at storm structure <58>. The stream channel will downcut into the embankment if rip rap is not placed.
- **Minimum Standard 17 states that “where construction vehicle access routes intersect paved or public roads, provisions shall be made to minimize the transport of sediment by vehicular tracking onto the paved surface.”** Construction entrances must be installed at the end of all paved surfaces.

Please consider this a **Notice to Comply**. Failure to meet the requirements of the above Minimum Standards by 10/24/03 may result in a **Stop Work Order**. To avoid future Notices, all violations on the attached inspection reports must be corrected. If you have any questions regarding this notice, or require assistance in meeting these specifications, please call.

Sincerely,



Mike Blake
E&S Program Manager

Cc: Christer Carshult, Office of Community Development
Laura Edmonds, Office of Community Development

2VH165

EROSION & SEDIMENT CONTROL

INSPECTION REPORT

Project Name: VINT HILL LANDBAY "G"
Inspection Date: 10/17/03 Time: 11:00 AM

File No. _____
Inspected by: Mike Blake

STAGE OF CONSTRUCTION

Pre-construction Conference ☒ Rough Grading Finish Grading
☒ Clearing and Grubbing Building Construction Final Stabilization

| *State Regulation (section) | <input type="checkbox"/> if repeat violation | Problem location & description | Corrective action required | Deadline |
|-----------------------------|--|--------------------------------|----------------------------|----------|
| | | | | |

COMMENTS: A **Notice of Violation** letter has been issued for the repeat violations listed below. Sediment basins are holding up OK.

The following violations need to be corrected:

- MS-1** – Sanitary sewer line has been constructed from pumpstation to Sutherland Court. All disturbed areas along sanitary line, particularly from sediment trap #4 to the pumpstation, must be seeded and mulched and stabilized with rip rap (as shown on the plan). **(REPEAT VIOLATION)**
- MS-17** – Install construction entrances at the end of all paved roads. **(REPEAT VIOLATION)**
MS-1 – Waterline crossing to Landbay "F" complete. Seed and mulch all disturbed areas immediately.
MS-4 – Repair silt fence below sediment trap #4.
- MS-1** – Seed and mulch all disturbed areas along Cray Drive and at the ingress/egress to Rogues Road.

*****The growing season is quickly coming to an end. Therefore it is CRITICAL that all disturbed areas that can be seeded and mulched are done so immediately. *****

Verbal notification given to: Faxed to Kevin Friel

Completion deadlines: October 24, 2003

Report prepared by: Michael W. Blake
Mike Blake

Written notification given to: Vint Hill EDA
Kevin Friel, Miller & Smith
Butch Crouch, William A. Hazel, Inc.

2VH166

From the desk of...
Mike Blake
E&S Program Manager
John Marshall SWCD
98 Alexandria Pike, Suite 31
Warrenton, VA 20186

(540) 347-3120
Fax: (540) 349-0878

ERUSION & SEDIMENT CONTROL

INSPECTION REPORT

Project Name: VINT HILL LANDBAY "G"

File No. _____

Inspection Date: 9/17/03

Time: 3:00 PM

Inspected by: Mike Blake

STAGE OF CONSTRUCTION

☐ Pre-construction Conference

☒ Rough Grading

☐ Finish Grading

☒ Clearing and Grubbing

☐ Building Construction

☐ Final Stabilization

| *State Regulation (section) | <input type="checkbox"/> if repeat violation | Problem location & description | Corrective action required | Deadline |
|-----------------------------|--|--------------------------------|----------------------------|----------|
| | | | | |

COMMENTS: The contractor has done extensive work to bring the site into compliance. Overall, the site is in good shape now with a few things remaining to be done.

The following violations need to be corrected:

1. **MS-1** – Sanitary sewer line has been constructed from pumpstation to Sutherland Court. All disturbed areas along sanitary line, particularly from sediment trap #4 to the pumpstation, must be seeded and mulched and stabilized with rip rap (as shown on the plan). **(REPEAT VIOLATION)**
2. **MS-17** – Install construction entrances at the end of all paved roads.

The following violations have been corrected:

3. **MS-11** – Rip rap outlet protection installed at the barrel on sediment basin #1.
 - 9/17 – Not field checked, but Junior indicated that this has been completed.
4. **MS-6** – Sediment basin #2 is being reconstructed. A new barrel has been installed and the dam embankment is being reconstructed. Site has been prepped to drain to the basin.
5. **MS-6** – Sediment trap #3 has been cleaned out.
6. **MS-6** – Most of the stockpiled material has been removed from sediment basin #1.
7. **MS-4** – Silt fence has been installed along access road behind lot 62.
8. **MS-4** – Silt fence has been installed behind lots 96-100, as shown on E&S plan.
9. **MS-10** – Silt fence inlet protection at structures <5> and <7> has been repaired.

Verbal notification given to: Junior, Kevin Friel

Completion deadlines:

Report prepared by:

Michael W. Blake
Mike Blake

Written notification given to: Vint Hill EDA
Kevin Friel, Miller & Smith
Butch Crouch, William A. Hazel, Inc.

2VH167

From the desk of...
Mike Blake
E&S Program Manager
John Marshall SWCD
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EROSION & SEDIMENT CONTROL

INSPECTION REPORT

Project Name: VINT HILL LANDBAY "G"

File No. _____

Inspection Date: 9/15/03

Time: 11:45 AM

Inspected by: Mike Blake

STAGE OF CONSTRUCTION

Pre-construction Conference

☒ Rough Grading

Finish Grading

☒ Clearing and Grubbing

Building Construction

Final Stabilization

| *State Regulation (section) | <input type="checkbox"/> if repeat violation | Problem location & description | Corrective action required | Deadline |
|-----------------------------|--|--------------------------------|----------------------------|----------|
| | | | | |

COMMENTS: No changes to site since 8/27/03 inspection. Portions of Cray Drive and Osborne Drive and all of Mauchley Court have been paved.

The following violations need to be corrected:

- MS-11** – Install rip rap outlet protection at the barrel on sediment basin #1. **(REPEAT VIOLATION)**
 - 9/15 – No change, rip rap still needed
- MS-1** – Sanitary sewer line has been constructed from pumpstation to Sutherland Court. All disturbed areas along sanitary line, particularly from sediment trap #4 to the pumpstation, must be seeded and mulched and stabilized with rip rap (as shown on the plan). **(REPEAT VIOLATION)**
 - MS-6** – Sediment basin #2 is no longer functional. **(REPEAT VIOLATION)**
 - Restore basin volume capacity by removing soil to the left of the riser
 - Restore embankment height, requiring all runoff to leave through the principal spillway (riser)
 - Make sure barrel outlet is not blocked, allowing runoff to exit site
 - Repair silt fence at barrel outlet
 - Reconstruct diversion dikes so that all upslope drainage reaches the sediment basin. This may require the movement/alteration of the stockpiles on either side of the basin.
- MS-6** – Sediment trap #3 needs to be cleaned out. Restore wet storage (below rock weir) to 1.5' depth. **(REPEAT VIOLATION)**
- MS-17** – Install construction entrances at the end of all paved roads.
- MS-6** – Remove stockpiled material out of sediment basin #1 to restore volume of basin.
- MS-4** – Install silt fence along access road behind lot 62 to capture all sediment bypassing perimeter E&S controls (shown on E&S plan).
- MS-4** – Install silt fence behind lots 96-100, as shown on E&S plan.
- MS-10** – Repair silt fence inlet protection at structures <5> and <7>.

2VH168

The following violations have been corrected:

- MS-4** – A sediment trap has been installed below sanitary sewer work east of existing SWM pond.

Verbal notification given to: Junior, faxed to Kevin Friel

Completion deadlines: **PASSED**

Report prepared by: Michael W. Blake
Mike Blake

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EROSION & SEDIMENT CONTROL

INSPECTION REPORT

Project Name: VINT HILL LANDBAY "G"

File No. _____

Inspection Date: 9/15/03Time: 11:45 AMInspected by: Mike Blake

STAGE OF CONSTRUCTION

Pre-construction Conference
☒ Clearing and Grubbing

☒ Rough Grading
 Building Construction

Finish Grading
 Final Stabilization

| *State Regulation (section) | <input type="checkbox"/> if repeat violation | Problem location & description | Corrective action required | Deadline |
|-----------------------------|--|--------------------------------|----------------------------|----------|
| | | | | |

COMMENTS: No changes to site since 8/27/03 inspection. Portions of Cray Drive and Osborne Drive and all of Mauchley Court have been paved.

The following violations need to be corrected:

1. **MS-11** – Install rip rap outlet protection at the barrel on sediment basin #1. **(REPEAT VIOLATION)**
 - 9/15 – No change, rip rap still needed
2. **MS-1** – Sanitary sewer line has been constructed from pumpstation to Sutherland Court. All disturbed areas along sanitary line, particularly from sediment trap #4 to the pumpstation, must be seeded and mulched and stabilized with rip rap (as shown on the plan). **(REPEAT VIOLATION)**
3. **MS-6** – Sediment basin #2 is no longer functional. **(REPEAT VIOLATION)**
 - Restore basin volume capacity by removing soil to the left of the riser
 - Restore embankment height, requiring all runoff to leave through the principal spillway (riser)
 - Make sure barrel outlet is not blocked, allowing runoff to exit site
 - Repair silt fence at barrel outlet
 - Reconstruct diversion dikes so that all upslope drainage reaches the sediment basin. This may require the movement/alteration of the stockpiles on either side of the basin.
4. **MS-6** – Sediment trap #3 needs to be cleaned out. Restore wet storage (below rock weir) to 1.5' depth. **(REPEAT VIOLATION)**
5. **MS-17** – Install construction entrances at the end of all paved roads.
6. **MS-6** – Remove stockpiled material out of sediment basin #1 to restore volume of basin.
7. **MS-4** – Install silt fence along access road behind lot 62 to capture all sediment bypassing perimeter E&S controls (shown on E&S plan).
8. **MS-4** – Install silt fence behind lots 96-100, as shown on E&S plan.
9. **MS-10** – Repair silt fence inlet protection at structures <5> and <7>.

2VH169

The following violations have been corrected:

10. **MS-4** – A sediment trap has been installed below sanitary sewer work east of existing SWM pond.

Verbal notification given to: Junior, faxed to Kevin FrielCompletion deadlines: **PASSED**Report prepared by: Michael W. Blake
Mike Blake

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EROSION & SEDIMENT CONTROL

INSPECTION REPORT

Project Name: VINT HILL LANDBAY "G"

File No. _____

Inspection Date: 8/27/03

Time: 10:45 AM

Inspected by: Mike Blake

STAGE OF CONSTRUCTION

☐ Pre-construction Conference

☒ Rough Grading

☐ Finish Grading

☒ Clearing and Grubbing

☐ Building Construction

☐ Final Stabilization

| *State Regulation (section) | <input type="checkbox"/> if repeat violation | Problem location & description | Corrective action required | Deadline |
|-----------------------------|--|--------------------------------|----------------------------|----------|
| | | | | |

COMMENTS: Curb is being poured along portions of Cray Drive and Osborne Drive.

The following violations need to be corrected:

1. **MS-11** – Install rip rap outlet protection at the barrel on sediment basin #1. **(REPEAT VIOLATION)**
 - 8/27 – No change, rip rap still needed
2. **MS-1** – Sanitary sewer line has been constructed from pumpstation to Sutherland Court. All disturbed areas along sanitary line, particularly from sediment trap #4 to the pumpstation, must be seeded and mulched.
3. **MS-6** – Sediment basin #2 is no longer functional.
 - Restore basin volume capacity by removing soil to the left of the riser
 - Restore embankment height, requiring all runoff to leave through the principal spillway (riser)
 - Make sure barrel outlet is not blocked, allowing runoff to exit site
 - Repair silt fence at barrel outlet
4. **MS-6** – Sediment trap #3 needs to be cleaned out. Restore wet storage (below rock weir) to 1.5' depth.

The following violations have been corrected:

5. **MS-4** – A sediment trap has been installed below sanitary sewer work east of existing SWM pond.

Verbal notification given to: Junior, faxed to Kevin Friel

Completion deadlines: September 10, 2003

Report prepared by: Michael W. Blake
Mike Blake

Written notification given to: Vint Hill EDA
Kevin Friel, Miller & Smith
Butch Crouch, William A. Hazel, Inc.

2VH170

From the desk of...
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EROSION & SEDIMENT CONTROL

INSPECTION REPORT

Project Name: VINT HILL LANDBAY "G"

File No. _____

Inspection Date: 7/29/03

Time: 11:00 AM

Inspected by: Mike Blake

STAGE OF CONSTRUCTION

☐ Pre-construction Conference

☒ Rough Grading

☐ Finish Grading

☒ Clearing and Grubbing

☐ Building Construction

☐ Final Stabilization

| *State Regulation (section) | <input type="checkbox"/> if repeat violation | Problem location & description | Corrective action required | Deadline |
|-----------------------------|--|--------------------------------|----------------------------|----------|
| | | | | |

COMMENTS: Entire site not checked for compliance. Only the areas along the existing SWM pond and adjacent to Land Bay "H".

The following violations need to be corrected:

- MS-11** – Install rip rap outlet protection at the barrel on sediment basin #1. (**REPEAT VIOLATION**)
 - 7/16** – Outlet channel constructed. Rock check dam built beside diversion dike and silt fence. Silt fence blown out – repair. VDOT #3 stone used as outlet protection has blown out – install rip rap.
 - 7/29** – Not field checked. Needs to be completed if not already done so.
- MS-4** – A sediment trap needs to be installed below sanitary sewer work east of existing SWM pond. This should be installed in the rip rap channel below disturbance. Once sanitary work is completed in this channel, it must be stabilized with rip rap, seed and mulch.
- MS-4** – Water currently being pumped out of sanitary line into stream. This is not a violation, however this is a **warning** that all pumping operations from the site **MUST** be filtered through a sediment trapping measure. The silt sac is the best measure to use. It appears that sediment trap #4 may have to be dewatered for sewer line construction. This protocol must be followed and the sediment trap must be reconstructed, seeded and mulched following sewer line construction.

The following violations have been corrected:

- MS-4** – Silt fence down beside sediment trap #4.
 - 7/29** – Silt fence repaired.
- MS-4** – Silt fence is needed on either side of the outfall channel behind sediment basin #2 to protect the channel from upslope sedimentation.
 - 7/29** – Silt fence installed.

Verbal notification given to: Kevin Friel

Completion deadlines: 8/12/03

Report prepared by: Michael W. Blake
Mike Blake

Written notification given to: Vint Hill EDA
Kevin Friel, Miller & Smith
Butch Crouch, William A. Hazel, Inc.

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2VH171

EROSION & SEDIMENT CONTROL

INSPECTION REPORT

Project Name: VINT HILL LANDBAY "G"

File No. _____

Inspection Date: 7/16/03

Time: 2:30 PM

Inspected by: Mike Blake

STAGE OF CONSTRUCTION

☐ Pre-construction Conference

☒ Rough Grading

☐ Finish Grading

☒ Clearing and Grubbing

☐ Building Construction

☐ Final Stabilization

| *State Regulation (section) | <input type="checkbox"/> if repeat violation | Problem location & description | Corrective action required | Deadline |
|-----------------------------|--|--------------------------------|----------------------------|----------|
| | | | | |

COMMENTS: Heavy rain last week. Construction entrance looks OK. Sanitary sewer being laid around Mauchley Court.

The following items need to be completed:

1. **MS-11** – Install rip rap outlet protection at the barrel on sediment basin #1. (**REPEAT VIOLATION**)
 - **7/16** – Outlet channel constructed. Rock check dam built beside diversion dike and silt fence. Silt fence blown out – repair. VDOT #3 stone used as outlet protection has blown out – install rip rap.
2. **MS-4** – Silt fence down beside sediment trap #4. Repair.
3. **MS-4** – Silt fence is needed on either side of the outfall channel behind sediment basin #2 to protect the channel from upslope sedimentation.

The following violations have been corrected:

4. **MS-6** – Baffles have been installed in both basins. Baffle in sediment basin #2 was not installed according to field change.
5. **MS-6** – Sediment basin #2 has been increased.
6. **MS-4** – Tree protection to the left of the construction entrance and along Rt. 602 has been repaired.
7. **MS-6** – Sediment trap #6 appears to be functioning as designed.
8. **MS-4** – Rock check dam has been installed in existing channel along access road just above existing triple culvert leading into SWM pond.

Verbal notification given to: Kevin Friel

Completion deadlines: **PASSED**

Report prepared by: Michael W. Blake
Mike Blake

2VH172

Written notification given to: Vint Hill EDA
Kevin Friel, Miller & Smith
Butch Crouch, William A. Hazel, Inc.

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EROSION & SEDIMENT CONTROL

INSPECTION REPORT

Project Name: VINT HILL LANDBAY "G"

File No. _____

Inspection Date: 7/16/03Time: 2:30 PM

Inspected by: _____

Mike Blake

STAGE OF CONSTRUCTION

Pre-construction Conference
☒ Clearing and Grubbing

☒ Rough Grading
 Building Construction

Finish Grading
 Final Stabilization

| *State Regulation (section) | <input type="checkbox"/> if repeat violation | Problem location & description | Corrective action required | Deadline |
|-----------------------------|--|--------------------------------|----------------------------|----------|
| | | | | |

COMMENTS: Heavy rain last week. Construction entrance looks OK. Sanitary sewer being laid around Mauchley Court.

The following items need to be completed:

1. **MS-11** – Install rip rap outlet protection at the barrel on sediment basin #1. **(REPEAT VIOLATION)**
 - **7/16** – Outlet channel constructed. Rock check dam built beside diversion dike and silt fence. Silt fence blown out – repair. VDOT #3 stone used as outlet protection has blown out – install rip rap.
2. **MS-4** – Silt fence down beside sediment trap #4. Repair.
3. **MS-4** – Silt fence is needed on either side of the outfall channel behind sediment basin #2 to protect the channel from upslope sedimentation.

The following violations have been corrected:

4. **MS-6** – Baffles have been installed in both basins. Baffle in sediment basin #2 was not installed according to field change.
5. **MS-6** – Sediment basin #2 has been increased.
6. **MS-4** – Tree protection to the left of the construction entrance and along Rt. 602 has been repaired.
7. **MS-6** – Sediment trap #6 appears to be functioning as designed.
8. **MS-4** – Rock check dam has been installed in existing channel along access road just above existing triple culvert leading into SWM pond.

Verbal notification given to: Kevin Friel

Completion deadlines: PASSED

Report prepared by: _____

Michael W. Blake
 Mike Blake

2VH173

Written notification given to: Vint Hill EDA
 Kevin Friel, Miller & Smith
 Butch Crouch, William A. Hazel, Inc.

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EROSION & SEDIMENT CONTROL

INSPECTION REPORT

Project Name: VINT HILL LANDBAY "G"

File No. _____

Inspection Date: 6/17/03

Time: 3:30 PM

Inspected by: Mike Blake

STAGE OF CONSTRUCTION

Pre-construction Conference

☒ Rough Grading

Finish Grading

☒ Clearing and Grubbing

Building Construction

Final Stabilization

| *State Regulation (section) | <input type="checkbox"/> if repeat violation | Problem location & description | Corrective action required | Deadline |
|-----------------------------|--|--------------------------------|----------------------------|----------|
| | | | | |

COMMENTS: Weather has been extremely wet. Roads are roughed in. Rain today. No one on site.

The following items need to be completed:

- MS-11** – Install rip rap outlet protection at the barrel on sediment basin #1. Construct outlet channel as shown on the E&S plan, including rock check dam. Alter silt fence behind channel. Seed and mulch all disturbed areas in and around outlet channel. **(REPEAT VIOLATION)**
 - 6/17** – Still no rip rap outlet protection at barrel. Outlet channel has been constructed, seeded and mulched. Rock check dam should be placed in channel.
- MS-6** – Install baffles in both sediment basins. The placement of the baffle on sediment basin #2 has been altered in the field. When dewatering the basins to install the baffles, pump water into the neighboring sediment traps to filter the water. **(REPEAT VIOLATION)**
 - 6/17** – Baffles still not installed.
- MS-6** – Sediment basin #2 was moved and its dam embankment is the existing trail. Tied the riser into the existing culvert pipe. Increase capacity of basin to assure it is large enough to adequately handle the drainage area. **(REPEAT VIOLATION)**
 - 6/17** – Sediment basin still not enlarged to handle drainage area.
- MS-4** – Tree protection to the left of the construction entrance and along Rt. 602 has been driven through. Repair tree protection to protect tree save/buffer area.
- MS-6** – Sediment trap #6 does not appear to be filling up with runoff as designed. Check for leaks in outlet structure.
- MS-4** – Install rock check dam in existing channel along access road just above existing triple culvert leading into SWM pond. Sediment leaving site via channel into pond.

The following violations have been corrected:

- MS-5** – The diversion dikes and dam embankments have been compacted, shaped and seeded and mulched.
- MS-6** – The emergency spillway on sediment basin #1 has been constructed, seeded and mulched.
- MS-4** – Sediment trap at entrance is small, but in place. Grass coming up on embankment. May need to be enlarged at a future date.

Oral notification given to: Faxed to Kevin Friel

Completion deadlines: **PASSED**

Report prepared by: Michael W. Blake

Mike Blake

2VH174

EROSION & SEDIMENT CONTROL

INSPECTION REPORT

Project Name: VINT HILL LANDBAY "G"

File No. _____

Inspection Date: 5/30/03

Time: 10:30 AM

Inspected by: Mike Blake

STAGE OF CONSTRUCTION

Pre-construction Conference

☒ Rough Grading

Finish Grading

☒ Clearing and Grubbing

Building Construction

Final Stabilization

| *State Regulation (section) | <input type="checkbox"/> if repeat violation | Problem location & description | Corrective action required | Deadline |
|-----------------------------|--|--------------------------------|----------------------------|----------|
| | | | | |

COMMENTS: Weather has been extremely wet. Little progress has been made on site. Roads are roughed in.

The following items need to be completed:

1. **MS-5** – The diversion dikes and dam embankments have not been adequately compacted/constructed. All diversion dikes (with the exception of the dike leading into sediment basin #1 that has been seeded) need to be compacted. The dam embankments on sediment basin #1 and all sediment traps need to be compacted and dressed up. Seed and mulch all dikes and embankments following compaction. **(REPEAT VIOLATION)**
2. **MS-6** – Sediment basin #1 does not have an emergency spillway. Construct spillway as shown on the E&S plan. **(REPEAT VIOLATION)**
- MS-11** – Install rip rap outlet protection at the barrel on sediment basin #1. Construct outlet channel as shown on the E&S plan, including rock check dam. Alter silt fence behind channel. Seed and mulch all disturbed areas in and around outlet channel. **(REPEAT VIOLATION)**
4. **MS-6** – Install baffles in both sediment basins. The placement of the baffle on sediment basin #2 has been altered in the field. When dewatering the basins to install the baffles, pump water into the neighboring sediment traps to filter the water. **(REPEAT VIOLATION)**
5. **MS-4** – Install the sediment trap located beside the construction entrance. **(REPEAT VIOLATION)**
6. **MS-6** – Sediment basin #2 was moved and its dam embankment is the existing trail. Tied the riser into the existing culvert pipe. Increase capacity of basin to assure it is large enough to adequately handle the drainage area. **(REPEAT VIOLATION)**

2VH175

The following observations were made:

7. Silt fence has been installed behind sediment basin #1 where tree protection was incorrectly placed.

Verbal notification given to: Kevin Friel – Kevin said that they will make the corrections once the weather allows.

Completion deadlines: PASSED – Deadline extended due to weather

Report prepared by: Michael W. Blake
Mike Blake

Written notification given to: Vint Hill EDA
Kevin Friel, Miller & Smith
Butch Crouch, William A. Hazel, Inc.

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EROSION & SEDIMENT CONTROL

INSPECTION REPORT

Project Name: VINT HILL LANDBAY "G"

File No. _____

Inspection Date: 5/15/03

Time: 11:30 AM

Inspected by: Mike Blake

STAGE OF CONSTRUCTION

Pre-construction Conference

☒ Rough Grading

Finish Grading

☒ Clearing and Grubbing

Building Construction

Final Stabilization

| *State Regulation (section) | <input type="checkbox"/> if repeat violation | Problem location & description | Corrective action required | Deadline |
|-----------------------------|--|--------------------------------|----------------------------|----------|
| | | | | |

COMMENTS: E&S controls have been installed. Walked site with Kevin and Junior (William A. Hazel, Inc.).

The following items need to be completed:

- MS-5** – The diversion dikes and dam embankments have not been adequately compacted/constructed. All diversion dikes (with the exception of the dike leading into sediment basin #1 that has been seeded) need to be compacted. The dam embankments on sediment basin #1 and all sediment traps need to be compacted and dressed up. Seed and mulch all dikes and embankments following compaction.
- MS-6** – Sediment basin #1 does not have an emergency spillway. Construct spillway as shown on the E&S plan.
- MS-11** – Install rip rap outlet protection at the barrel on sediment basin #1. Construct outlet channel as shown on the E&S plan, including rock check dam. Alter silt fence behind channel. Seed and mulch all disturbed areas in and around outlet channel.
- MS-6** – Install baffles in both sediment basins. The placement of the baffle on sediment basin #2 has been altered in the field. When dewatering the basins to install the baffles, pump water into the neighboring sediment traps to filter the water.
- MS-4** – Install the sediment trap located beside the construction entrance.
- MS-6** – Sediment basin #2 was moved and its dam embankment is the existing trail. Tied the riser into the existing culvert pipe. Increase capacity of basin to assure it is large enough to adequately handle the drainage area.

The following observations were made:

- It was agreed upon that sediment trap #1 does not have to be installed yet, due to activity on Landbay "H".
- Sediment trap #4 was pushed back to the edge of the pond to capture further disturbance. Trap appears to be oversized and should handle any extra drainage area efficiently.

Verbal notification given to: Kevin Friel, Junior

2VH176

Completion deadlines: 5/29/03

Report prepared by:

Michael W. Blake
Mike Blake

From the desk of...
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E&S Program Manager
John Marshall SWCD
98 Alexandria Pike, Suite 31
Warrenton, VA 20186

Written notification given to: Vint Hill EDA
Kevin Friel, Miller & Smith
Butch Crouch, William A. Hazel, Inc.

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EROSION & SEDIMENT CONTROL

INSPECTION REPORT

Project Name: VINT HILL LANDBAY "G"

File No. _____

Inspection Date: 4/22/03

Time: 2:00 PM

Inspected by: Mike Blake

STAGE OF CONSTRUCTION

Pre-construction Conference

Rough Grading

Finish Grading

☒ Clearing and Grubbing

Building Construction

Final Stabilization

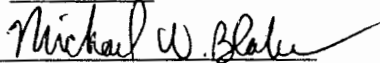
| *State Regulation (section) | <input type="checkbox"/> if repeat violation | Problem location & description | Corrective action required | Deadline |
|-----------------------------|--|--------------------------------|----------------------------|----------|
| | | | | |

COMMENTS: Site is still in the process of being cleared. Burn piles still on site. E&S controls are roughed in on site. Tree protection and silt fence has been installed on site. Sediment basins, traps and diversion dikes have been roughly installed. Tree protection behind sediment basin #1 has been altered from the plan. Sediment trap #4 has been moved back, off the existing path. Kevin will look into both of these deviations from the plan. Construction entrance is in place and looks good.

Verbal notification given to: Kevin Friel

Completion deadlines: As indicated

Report prepared by:



Mike Blake

Written notification given to: Kevin Friel, Miller & Smith
Butch Crouch, William A. Hazel, Inc.

2VH177

From the desk of...
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EROSION & SEDIMENT CONTROL**INSPECTION REPORT**Project Name: **VINT HILL LANDBAY "G"**

File No.

Inspection Date: **4/1/04**Time: **2:00 PM**

Inspected by:

Mike Blake**STAGE OF CONSTRUCTION**

Pre-construction Conference

Rough Grading/Utilities

☒ Temporary Stabilization

Finish Grading

Clearing and Grubbing

☒ Road Prep/Paving☒ Building Construction

Final Stabilization

| *State Regulation (section) | <input type="checkbox"/> if repeat violation | Problem location & description | Corrective action required | Deadline |
|-----------------------------------|--|--------------------------------|----------------------------|----------|
| | | | | |

COMMENTS: Rain today. Stone has been laid on remainder of roads. Inlet protections look good.**The following violations need to be corrected:**

1. **MS-10** – Install inlet protection on the new curb inlets.
2. **MS-1** – Seed and mulch disturbed areas behind curbs now that they have been backfilled.

Individual Lots (K. Hovnanian)

Lot 2 – entrance and silt fence OK

Lot 3 – entrance and silt fence OK

Lot 4 – silt fence OK, add #3s to entranceLot 5 – silt fence OK, add #3s to entrance

Lot 6 – entrance and silt fence OK

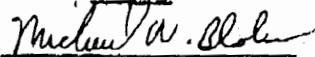
Lot 7 – install silt fence along front and back of lot (REPEAT VIOLATION), entrance OKLot 23 – foundation in place, install construction entrance and silt fenceLot 26 – foundation in place, install construction entrance and silt fenceLot 97 – reinstall silt fence or sod lotLot 98 – install silt fence along front

Lot 99 – entrance and silt fence OK

Verbal notification given to:

Completion deadlines: **4/15/04**

Report prepared by:


 Mike Blake

Written notification given to:

Vint Hill EDA

Dave Simons, Miller & Smith

Butch Crouch, William A. Hazel, Inc.

George Rosenberger, K. Hovnanian

2VH178

From the desk of...

Mike Blake

E&S Program Manager

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Record of Contractor Certification

2VH180

Contractor Certification

"I certify under penalty of the law that I understand the terms and conditions of this Virginia Storm Water Management Program (VSMP) general permit that authorizes the storm water discharges from the construction activity identified as part of this certification."

| | |
|---------------------|--|
| Contractor # | |
| Name: | |
| Title: | |
| Firm: | |
| Address: | |
| Telephone # | |
| Date: | |
| Signature: | |
| | |
| Contractor # | |
| Name: | |
| Title: | |
| Firm: | |
| Address: | |
| Telephone # | |
| Date: | |
| Signature: | |

Site: _____
Project: _____

Authorized Representative Letter to DCR

2VH183

Wetland Permit Information

2VH185

**VINT HILL
LANDBAY F – SUBDIVISION PHASE I
LANDBAY G - PHASES I, II, & III
LANDBAY H – PHASES I, II, & III
LANDBAY I, LANDBAY K – PHASE I**

STORMWATER POLLUTION PREVENTION PLAN

Fauquier County, Virginia

Prepared for:

Vint Hill Farms Economic Development Authority
P.O. Box 861617
Warrenton, Virginia 20187

Prepared by:

Williamsburg Environmental Group, Inc.
46030 Manekin Plaza, Suite 160
Sterling, Virginia 20166

May 2004

2VH187

**VINT HILL
 LANDBAY F – SUBDIVISION PHASE I,
 LANDBAY G – PHASES I, II, & III, LANDBAY H – PHASES I, II, & III,
 LANDBAY I, LANDBAY K – PHASE I
 STORMWATER POLLUTION PREVENTION PLAN**

NOTE: This Stormwater Pollution Prevention Plan shall be retained at the project location as well as a copy of the VPDES permit, construction plans and other materials referenced in this plan.

| SITE AND ACTIVITY DESCRIPTION | | | |
|--|---|------------------------|--|
| Project Name and Location | VINT HILL LANDBAY F – SUBDIVISION PHASE I, LANDBAY G – PHASES I, II, & III, LANDBAY H – PHASES I, II, & III, LANDBAY I, LANDBAY K Latitude: 38°44'38" Longitude: 77°40'36" | Owner Name and Address | Vint Hill Farms Economic Development Authority P.O. Box 861617 Warrenton, Virginia 20187 |
| Description of the Construction Activity: | | | |
| The project consists of the construction of single-family homes (low density residential), internal infrastructure including roads and utilities and stormwater management facilities. Soil disturbing activities will include: clearing and grubbing; installing erosion and sediment controls; grading; storm sewer; construction of roads, and preparation for final stabilization and seeding. | | | |
| Total Disturbed Site Area | Landbay F Subdivision Phase I – Approximately 51.2-acres of disturbed soil. Landbay G Phases I, II, & III – Approximately 27.3-acres of disturbed soil. Landbay H Phases I, II & III – Approximately 40.5-acres of disturbed soil. Landbay I – Approximately 24.92-acres of disturbed soil. Landbay K – Approximately 17-acres of disturbed soil. | | |

| | |
|----------|--|
| Site Map | An overall site map is attached. Detailed site maps for each phase and section of the project are provided in the construction plans for those phases. |
|----------|--|

SEQUENCE AND TIMING OF SOIL DISTURBING ACTIVITIES

The order of activities will be as follows:

Landbay F – Subdivision Phase I

Stage I

1. Hand dig test pits for over existing utilities (if required).
2. Construct the temporary construction entrance, as shown on the Phase I Erosion and Sedimentation Plan.
3. Install diversion dikes, sediment traps and sediment basins as shown on the Phase I Erosion and Sedimentation Plan.

Stage II

1. Clear remainder of site.
2. Rough grade the site.
3. Install storm sewer and storm water management ponds.
4. Install inlet and outlet protection.
5. Final grade the site.
6. Stabilize critical slope areas.

Landbay G – Phases I, II, & III

Phase I

1. Owner to obtain grading permit and VDOT entrance permit.
2. Install construction entrance as shown on Phase I plan.
3. Install the tree protection as shown on the Phase I plan.
4. Install the remaining mechanical controls such as, Diversion Dikes, Diversions, Silt Fence, Silt Traps, and Temporary Sediment Basins, as shown on the Phase I plan.
5. Clear and grub or remove existing vegetation within the limits of clearing, as shown on the Phase I plan.
6. Obtain County Inspector's approval showing satisfactory completion of work, prior to proceeding with remaining site clearing.

Phase II

1. Rough grade the streets and lots (except for Lots 39, 40, and 41 where Sediment Basin No. 1 is located). If erosion is observed in the channel behind lots 68-71 and 64-67 install soil stabilization matting.
2. Install sanitary sewer.
3. Install storm sewer (except for the section between Str #11 and #12) and outfall channels. Ensure that Str #12 outfalls into Sediment Basin #1. Install outlet protection at the outfall of Str #12 into the basin.
4. Install water lines.
5. Construct the base pavement for the streets and permanently stabilize site with planting and seeding.
6. Construct trail, culverts underneath the trails and pre-fabricated bridges. Install culvert inlet protection and outlet protection for culverts.
7. Install final pavement.
8. Temporary Sediment Basins No. 1 and No. 2 has to be removed only upon stabilization of all

contributory drainage areas and approval of the County Inspector. Once Sediment Basin No. 1 is removed complete the installation of storm sewer between Str. #39 and #41 and rough grade the lots 39, 40, and 41.

9. Obtain County Inspector's approval prior to the removal of the remaining mechanical sediment controls.

Landbay H - Phases I, II, and III

Phase I

1. Owner to obtain grading permit.
2. Install construction entrance as shown on Phase I plan. Provide the construction entrance with wash racks that drain to an appropriate settling area as show on the Phase I plan, and establish a protected staging and equipment parking area.
3. Install the tree protection as shown on the Phase I plan.
4. Install the remaining mechanical controls such as, diversion dikes, utility stream crossing, vehicular stream crossing, diversions, silt fence, silt traps, and sediment basins, as shown on the Phase I plan.
5. Remove existing culverts under proposed Cray Drive.
6. Clear and grub or remove existing vegetation within the limits of clearing, as shown on the Phase I plan.
7. Obtain County Inspector's approval, showing satisfactory completion of work, prior to proceeding with remaining site clearing.

Phase II

1. Install sanitary manhole #M4 and sanitary alter to Lot #69.
2. Install storm sewer between Str. #57A and #58.
3. Rough grade the streets and lots. Install check dams, as shown on the Phase II plans. Once positive flow has been established to storm Str. #58, Stream crossing under Cray Drive can be removed.
4. Install remaining sanitary sewer.
5. Install culvert, remaining sanitary sewer and water lines. Install inlet protection and outlet protection as shown on the Phase II plans.
6. Construct trail and associated culverts. Install culvert inlet protection and outlet protection as shown on the Phase II plans.
7. Construct the base pavement for the streets and permanently stabilize site with planting and seeding.
8. Install final pavement.
9. Sediment Basins No. 1 has to be removed only upon stabilization of all contributory drainage areas and approval of the County Inspector.
10. Obtain County Inspector's approval prior to the removal of the remaining mechanical sediment controls.

Landbay I

Phase I

1. Owner to obtain grading permit.
2. Install construction entrance as shown on Phase I plan. Provide the construction entrance with wash racks that drain to an appropriate settling area as shown on the Phase I Plan, and establish a protected staging and equipment parking area.
3. Install the tree protection and perimeter silt fence as shown on the Phase I plan.
4. Demolish all existing structures as per the demolition plan shown on sheet 9.
5. Install the remaining mechanical controls such as diversion dikes, utility stream crossing, diversions, silt fence, silt traps, and sediment basins, as shown on the Phase I plan.
6. Clear and grub or remove existing vegetation within the limits of clearing, as shown on the Phase I plan.
7. Obtain County Inspector's approval, showing satisfactory completion of work, prior to proceeding with remaining site clearing.

Phase II

1. Rough grade the streets and lots. Install check dams as shown on the Phase II plans. Install culvert str. #124 to str. #123, once positive flow has been established to storm str. #124. Utility Stream Crossing under Watson Drive can be removed.
2. Install sanitary sewer.
3. Install storm sewer and waterlines. Install inlet protection and outlet protection as show on the Phase II plans.
4. Construct trail.
5. Construct the base pavement for the streets and permanently stabilize site with planting and seeding.
6. Install final pavement.
7. Sediment basins can be removed only upon stabilization of all contributory drainage areas and approval of the County Inspector.
8. Obtain County Inspector's approval prior to the removal of the remaining mechanical sediment controls.

Landbay K Phase I

Stage I

1. Construct the temporary construction entrance as shown on the Phase I Erosion and Sedimentation Plan. Hand dig test pits over existing utilities (if required).
2. Install diversion berm and sit fence at the limits of disturbance per the Phase I Erosion and Sedimentation Control Plan. The limits of clearing and grading for the sediment basin are to be marked clearly on site.
3. Construct the silt traps shown on the E&S Phase I Plans.
4. Construct the silt basin.

Stage II

1. Clear remainder of site.
2. Rough grade the site.
3. Install storm sewer.
4. Install inlet and outlet protection including riprap outfall ditches as shown on these drawings.
5. Final grade the site.
6. Stabilize critical slope areas including the pond embankment and the steep slope areas adjacent to the existing creek using sod where necessary to ensure the stability of the slopes.
7. On site and offsite channels have been adequately sized and comps provide elsewhere in these plans. Design comps for adequacy of storm water conveyance channels have been addressed elsewhere on

these plans.

8. Temporary stream crossings are not required for this project.
9. The silt basin shall be drained and cleaned out to the elevations depicted on the SWM design drawings. The dewatering device shall be removed from the riser, the hose in the riser plugged and the steel plates over the low flow orifices removed. The emergency spillway will then be enlarged per plan and lined with riprap as shown on the construction drawings.
10. The areas downstream from the sediment basin are critical because of the stream running towards South Run. The measures that are provided by these plans should insure adequate sediment control for this area.

| | |
|--------------------------|----------------------------------|
| Name of Receiving Waters | Unnamed tributaries of South Run |
|--------------------------|----------------------------------|

CONTROLS

Erosion and Sediment Controls

Approved erosion and sediment control plans for the project are incorporated by reference as part of this Stormwater Pollution Prevention Plan.

Stabilization Practices

- Construction shall be sequenced so that grading operation can begin and end as quickly as possible. All soil erosion control measures shall be installed prior to any clearing or grading other than that needed to install the soil erosion practices.
- Sediment trapping measures shall be installed as a first step and shall be seeded and mulched immediately following installation.
- No inactive disturbed area is to remain denuded for more than 7 days unless authorized by the director or his agent (specific areas to be determined at the pre-construction meeting).
- Electric, power, telephone, storm, sanitary, and gas supply trenches are to be compacted, seeded, and mulched within 5 days after backfilling. No more than 500 feet of trench is to be open at any one time.
- Topsoil will be stripped from areas to be graded and stockpiled for later use. Stockpile locations shall be located on-site in open space areas and stabilized with temporary vegetation and protected by silt fence.
- All temporary earth berms, diversions, and sediment trap embankments are to be machine-compacted, seeded, and mulched for temporary vegetative cover within 10 days after grading.
- All fills are to be left with a lip at the top of the slope at the end of each day operated. All cut and fill slopes are to be seeded and mulched within 10 days of the completion of grading. Erosion control blankets will be installed over fill slopes, which have been brought to final grade and seeded to protect the slopes from rill and gully erosion and allow the seed to germinate properly. Mulch (straw

or fiber) will be used on relatively flat areas and will be applied as a second step in the seeding operation.

- Areas that are not to be disturbed shall be clearly marked in the field by flags, signs or both.
- The contractor (job superintendent) shall be responsible for the installation and maintenance of all erosion and sediment control devices.
- All areas disturbed by construction shall be stabilized with permanent seeding immediately following finish grading. Seeding shall be done with Kentucky 31 Tall Fescue according to the Std. & Spec. 3.32, Permanent Seeding of the Virginia Erosion and Sediment Control Handbook.
- Any disturbed areas not sodded by November 1 are to be seeded within 15 days with oats, abuzzi rye, or equivalent and mulched with straw or hay mulch at the rate of 2 tons per acre.

Structural Practices

The following erosion and sediment control structural practices will be incorporated on the project site:

- | | |
|--|---|
| <ul style="list-style-type: none">• Temporary Construction Entrance with wash rack and settling area.• Tree Protection• Silt Fence & Super Silt Fence• Diversion Dikes• Silt Traps• Temporary Sediment Basins | <ul style="list-style-type: none">• Utility stream crossing• Vehicular stream crossing• Diversions• Check Dams• Inlet Protection• Culvert Inlet Protection• Outlet Protection |
|--|---|

Stormwater Management

Vint Hill Landbay F Subdivision Phase I- Stormwater Management will be provided by three separate stormwater management ponds

Vint Hill Landbay G Phases I, II, & III – Stormwater Management will be provided by the existing Stormwater Management Pond proposed and built under Vint Hill Landbay F, located just to the north of this development.

Vint Hill Landbay H Phases I, II, & III – Stormwater Management and BMP has been provided in the existing Stormwater Management Pond proposed and built under Vint Hill Landbay F, located to the north of this development.

Vint Hill Landbay I – Runoff from the site flows both in a northerly and southerly direction. The flow towards the north reaches the Stormwater Management Pond built under Landbay F and is treated for both water quality and quantity. The flow towards the south reaches the storm culverts under Rogues Road, and reaches an existing pond, which is approximately 1,000 feet south of Rogues Road.

Vint Hill Landbay K – The Stormwater Management/BMP pond will be phased for Landbay K. The Stormwater Management/BMP pond shown on the construction plans provides the required stormwater management/BMP to fully develop the six lots shown on the construction plans and identified as Landbay K Phase I. This pond will be removed and replaced with a planned regional pond located downstream from this landbay or modified by additional stormwater management/BMP facilities should Phase II of Landbay K be developed. Additional computations and construction plan approvals will be required and provided for the development of Phase II of Landbay K.

Details of stormwater management for each phase and section of the project are provided in the construction plans. A list of all permanent BMPs is attached to the Registration Statement, which can be found in Section 3 of this Pollution Prevention Plan.

OTHER CONTROLS

Waste Disposal

Waste Materials

All waste materials will be collected and stored in a proper receptacle in accordance with all local and State solid waste management regulations. All trash and construction debris from the site will be deposited in dumpsters. The trash will be hauled to an appropriate waste disposal site. No construction waste materials will be buried onsite. All project personnel will be instructed regarding the correct procedure for waste disposal.

Hazardous Waste

All hazardous waste materials will be disposed of in the manner specified by the manufacturer and as required by local or State regulation. Site personnel will be instructed in these practices.

Sanitary Waste

All sanitary waste will be collected from the portable units as required by local and State regulation.

Offsite Vehicle Tracking

Stabilized construction entrances will be provided to help reduce vehicle tracking of sediments. The paved street adjacent to the site entrance will be swept as needed to remove any excess mud, dirt or rock tracked from the site. Dump trucks hauling material from the construction site will be covered with a tarpaulin.

Timing Of Controls/Measures

Areas where construction activity temporarily ceases for more than seven (7) days will be stabilized with a temporary seed. Once construction activity ceases permanently in an area, that area will be stabilized with permanent seed.

**CERTIFICATION OF COMPLIANCE WITH FEDERAL,
STATE AND LOCAL REGULATIONS**

The Stormwater Pollution Prevention Plan reflects State requirements for stormwater management and erosion and sediment control, as established in the Virginia Stormwater Management Handbook and Virginia Erosion and Sediment Control Manual.

MAINTENANCE/INSPECTION PROCEDURES

Erosion and Sediment Control Inspection and Maintenance Practices

1. Inspections of the construction site shall be made by personnel familiar with the construction activity.
2. Erosion and sediment control measures identified in the plan shall be observed to ensure that they are operating correctly. Where deficiencies are noted with the operation of these measures, corrective action will be taken to maintain the continued effectiveness of the controls.
3. Inspections shall be conducted at least once every fourteen (14) calendar days and within 48 hours of a runoff producing event. These inspections shall cover disturbed areas that have not been finally stabilized, areas used for storage of materials that are exposed to precipitation, structural control measures, and locations where vehicles enter or exit the site.
4. Where areas have been finally or temporarily stabilized or runoff is unlikely due to winter conditions (e.g., site is covered with snow, ice, or frozen ground exists) such inspections shall be conducted at least once every month.
5. Reports summarizing each inspection shall be retained onsite as part of this Stormwater Pollution Prevention Plan.
6. Additional controls may be necessary due to contractor's phasing or other unanticipated conditions. It is the contractor's responsibility to provide additional devices as necessary in order to control erosion and sedimentation.
7. Erosion and sedimentation control measures shall be installed and maintained in accordance with the standards and specifications in the VESCH.

Non-Stormwater Discharges

It is expected that the following non-stormwater discharges will occur from the site during the construction period:

- Water from water line flushings
- Pavement wash waters (where no spills or leaks of toxic or hazardous materials have occurred)

- Uncontaminated groundwater from dewatering excavation
- All non-stormwater discharges will be directed to the sediment basin prior to discharge, where possible.

INVENTORY FOR POLLUTION PREVENTION PLAN

The materials or substances listed below are expected to be present onsite during construction:

- | | |
|--|---|
| <ul style="list-style-type: none"> • Concrete • Wood • Masonry block • Roofing shingles • Tar • Vinyl siding | <ul style="list-style-type: none"> • Petroleum based products • Solvents • Detergents • Paints • Fertilizers • Insulation |
|--|---|

SPILL PREVENTION

Material Management Practices

The following are the materials management practices that will be used to reduce the risk of spills or other accidental exposure of materials and substances to stormwater runoff.

Good Housekeeping

The following good housekeeping practices will be followed onsite during the construction project.

- All materials stored onsite will be stored in a neat, orderly manner in their appropriate containers. Materials which have the potential for contaminating runoff during storm events will be stored in their appropriate watertight containers, stored under a canopy, tarpaulin, shrink wrapped or otherwise precluded from direct exposure to precipitation.
- Empty containers that may contain chemical residues shall be disposed of in accordance with State and local regulations.
- Products, where possible, will be kept in their original containers with the original manufacturer's label.
- Chemical or petroleum products will not be mixed with one another unless recommended by the manufacturer.
- Whenever possible, all of a product will be used up before disposing of the container.
- Manufacturers' recommendations for proper use and disposal will be followed.

- Store and handle materials to prevent spills by tightly sealing containers, making sure all containers are clearly labeled and neatly and securely stacked.
- All on-site equipment will be checked for leaks and receive regular preventive maintenance.

Hazardous Products

These practices are used to reduce the risks associated with hazardous materials.

- Products will be kept in original containers unless they are not resealable.
- Original specimen labels and materials safety data sheets will be kept on file; they contain important product information.
- If surplus product must be disposed of, manufacturer's and/or local and State recommended methods for proper disposal will be followed.

Product Specific Practices

The following product specific practices will be followed onsite:

Petroleum Products

- All onsite vehicles will be monitored for leaks and receive regular preventive maintenance to reduce the chance of leakage.
- It is recommended that, if practicable, all refueling, repair and changing of equipment and vehicle fluids shall be conducted in a manner to reduce the potential for contamination of onsite resources. Care should be taken to avoid activities within ± 50 feet of wetlands, streams, water bodies, tree preservation areas or any other environmentally sensitive areas.
- Petroleum products will be stored in tightly sealed containers, which are clearly labeled.
- Any asphalt substances used onsite will be applied according to the manufacturer's recommendations.
- The project superintendent will regularly inspect the site to insure proper disposal methods of used antifreeze, oils, filters, and other hazardous materials are followed.

Fertilizers

Fertilizers used will be applied according to manufacturer's product standards. The contents of any partially used bags of fertilizer will be transferred to a sealable plastic container to avoid spills.

Paints

All containers will be tightly sealed and stored when not required for use. Excess paint will be properly disposed of according to manufacturers' instructions or State and local regulations.

Concrete Trucks

Concrete trucks will only wash out or discharge surplus concrete or drum wash water at approved locations in accordance with State and local regulations.

Spill Control Practices

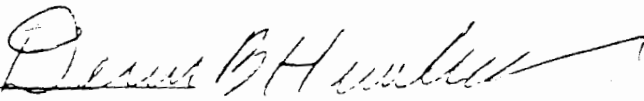
In addition to the good housekeeping and material management practices discussed in the previous sections of this plan, the following practices will be followed for spill prevention and cleanup:

- Manufacturer's recommended methods for spill cleanup will be clearly posted and site personnel will be made aware of the procedures and the location of the information and cleanup supplies.
- Materials and equipment necessary for spill cleanup will be kept in the material storage area onsite. Equipment and materials may include but not be limited to clean-up kits, brooms, dust pans, mops, rags, gloves, goggles, dirt to contain spill, containment boom, absorbent material (e.g. hay, kitty litter, sand, sawdust) and plastic and metal trash containers.
- All spills will be cleaned up immediately after discovery.
- In the event of a spill of a hazardous substance, the spill will be immediately contained and the spill area will be kept well ventilated. Personnel will wear appropriate protective clothing to prevent injury from contact with a hazardous substance during cleanup operation.
- Spills of toxic or hazardous material will be reported to the appropriate State or local government agency, as required by regulatory standards.
- The site superintendent or his representative will be responsible for spill prevention and coordination. The names of responsible spill personnel will be posted in the material storage area and in the office trailer on-site.

POLLUTION PREVENTION PLAN CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signed:



Dennis Hunsberger

Executive Director

Date:

6/10/04

2VH200

MILLER AND SMITH

Phone: 540-347-9822 Fax: 540-347-7905

To: K Hovanian / George R. Fax: _____

From: DAVID SIMONS Ext: _____

Date: November 21, 2005 Pages: (1)

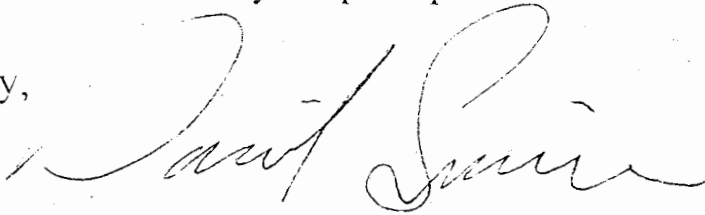
Ref: Vint Hill Land Bay "H"

Dear George,

I am being pressured by my office to update the status of the concrete break-out work at Vint Hill Land Bay "H" Phase 1, and the install for the wall behind lots 14 and 15. I would like to see this work **completed before December 15th**. This work has delayed my bond reductions in this section, having an adverse effect on Miller And Smith and its over all Bonding Capacity (Not Good). Please provide me with a schedule for completion of the items listed above.

Thank you in advance for your prompt attention to this matter.

Respectfully,



David Simons
Land Development Manager

CC: Steve Aylor
VHEDA

2VH201



COMMONWEALTH of VIRGINIA

DEPARTMENT OF ENVIRONMENTAL QUALITY

W. Tayloe Murphy, Jr.
Secretary of Natural Resources

Northern Virginia Regional Office
13901 Crown Court
Woodbridge, VA 22193-1453
(703) 583-3800 fax (703) 583-3801
www.deq.state.va.us

Robert G. Burnley
Director

Jeffery A. Steers
Regional Director

August 6, 2004

Mr. Dennis Hunsberger
Vint Hill Farms Economic Development Authority
P.O. Box 861617
Warrenton, VA 20187

Subject: Construction Storm Water General Permit No. **VAR101447**
Vint Hill - Fauquier County

Dear Mr. Hunsberger:

We have received your complete Registration Statement and have determined that this project is eligible for coverage under the VPDES General Permit for Storm Water Discharges from Construction Sites. A copy of this Permit is enclosed. The effective date of the General Permit is July 1, 2004 and the expiration date is June 30, 2009. This project's date of coverage is July 1, 2004. Please read the permit carefully, as you are responsible for meeting all permit conditions.

A Notice of Termination Form has also been enclosed. If at any time you no longer require coverage under the General Permit for Construction Storm Water, you may submit the Termination Form to this office for processing.

Should you have any questions, please feel free to contact Amy Taylor at (703) 583-3852.

Respectfully,

Thomas A. Faha
Water Permits Manager

Enclosure: Storm Water Construction General Permit
Termination Form

Fauquier County
Nichole Bondi. WEG

2VH202



COMMONWEALTH of VIRGINIA

DEPARTMENT OF ENVIRONMENTAL QUALITY

General Permit No.: **VAR101447**

Effective Date: July 1, 2004

Expiration Date: June 30, 2009

GENERAL PERMIT FOR DISCHARGES OF STORM WATER FROM CONSTRUCTION ACTIVITIES

AUTHORIZATION TO DISCHARGE UNDER THE VIRGINIA POLLUTANT DISCHARGE ELIMINATION SYSTEM AND THE VIRGINIA STATE WATER CONTROL LAW

In compliance with the provisions of the Clean Water Act, as amended, and pursuant to the State Water Control Law and regulations adopted pursuant to that, operators of construction activities (those sites or common plans of development or sale that will result in the disturbance of one or more acres of total land area) with storm water discharges from these construction activities are authorized to discharge to surface waters within the boundaries of the Commonwealth of Virginia, except those specifically named in board regulation or policies which prohibit such discharges.

The authorized discharge shall be in accordance with this cover page, Part I - Discharge Authorization and Special Conditions, Part II - Storm Water Pollution Prevention Plan, and Part III - Conditions Applicable To All VPDES Permits as set forth herein.



COMMONWEALTH of VIRGINIA
DEPARTMENT OF ENVIRONMENTAL QUALITY

General Permit No.: **VAR431065**

Effective Date: June 30, 1999
Expiration Date: June 30, 2004

GENERAL PERMIT FOR DISCHARGES OF STORM WATER
FROM CONSTRUCTION ACTIVITIES

AUTHORIZATION TO DISCHARGE UNDER THE
VIRGINIA POLLUTANT DISCHARGE ELIMINATION SYSTEM
AND
THE VIRGINIA STATE WATER CONTROL LAW

In compliance with the provisions of the Clean Water Act, as amended and pursuant to the State Water Control Law and regulations adopted pursuant thereto, operators of construction activities (those sites or common plans of development or sale that will result in the disturbance of five or more acres total land area) with storm water discharges from these construction activities are authorized to discharge to surface waters within the boundaries of the Commonwealth of Virginia, except those specifically named in Board regulation or policies which prohibit such discharges.

The authorized discharge shall be in accordance with this Cover Page, Part I - Discharge Authorization and Special Conditions, Part II - Storm Water Pollution Prevention Plan, and Part III - Conditions Applicable To All VPDES Permits, as set forth herein.



FAX Transmittal Memo

Ann Olson
K. Hovnanian Homes
1802 Brightseat Road, Sixth Floor
Landover, MD 20785-4235
Telephone: (301)683-6248
Fax: (301) 772-1891

Date: 5/19/05

Number of Pages: 6 (Including cover)

To: Mike Saba

Fax Number: 703-263-0706

Re: Response to Section 308 Request
Letter from Jonathan E. Rinde dated May 17, 2005

☐ URGENT ☐ FOR REVIEW ☐ PLEASE COMMENT ☐ PLEASE REPLY ☐ PLEASE RECYCLE

Hi Mike,

Steve would like this letter distributed to each person receiving the Section 308 Response Form. I appreciate your help in the distribution.

Thanks,
Ann

Confidentiality Notice: This facsimile is subject to an attorney-client privilege and is intended only for the person or entity to which it is addressed and may contain confidential and/or privileged material. Any unauthorized review, use, disclosure or distribution is strictly prohibited. If you have received this facsimile in error, please destroy all copies and call the sender at the telephone number provided above.

2VH205